To: Glodich, Jeffrey (J.M.)[jglodich@ford.com]; 'ball.joel@epa.gov'['ball.joel@epa.gov']; Beierschmitt, Thomas (T.A.)[tbeiers1@ford.com]; 'Berg, Olle ()'[olle.berg@volvocars.com]; "Beth Perry <eperry@sae.org>" <BethPerry[eperry@sae.org]; 'Bob Maxwell'[remaxwell@comcast.net]; brian.mace@horiba.com[brian.mace@horiba.com]; 'Buller, Patrick'[patrick.buller@volvocars.com]; Paulina, Carl[paulina.carl@epa.gov]; Chris Nevers[CNevers@autoalliance.org]; Christopher J Twarog [christopher.twarog@gm.com]; 'david.woods@chrysler.com'[david.woods@chrysler.com]; 'Dennis Pawlak'[Dennis.Pawlak@na.mitsubishi-motors.com]; 'Douglas Reid'[Douglas.Reid@na.mitsubishi-motors.com]; Dr. Robert Otto Rasmussen, PE [Robotto@TheTranstecGroup.com]; guanghui.cai@gm.com[guanghui.cai@gm.com]; 'Jeff Foor'[jdf14@chrysler.com]; 'Jenny.Sigelko@vw.com'[Jenny.Sigelko@vw.com]; 'JNIKEUS@volvocars.com'[JNIKEUS@volvocars.com]; 'Keith Thompson'[Keith.Thompson@bepco.com]; kyle.bedsole@gm.com[kyle.bedsole@gm.com]; 'Mahmoud Yassine'[mky@chrysler.com]; Mahrous Michel (FCA) <michel.mahrous@fcagroup.com>[michel.mahrous@fcagroup.com]; 'Marc Belzile'[marc.a.belzile@tc.gc.ca]; 'mark paxton'[mpaxton@ganassi.com]; Mccarthy, Chris (C.)[CMCCAR61@ford.com]; 'Meyer, Norm'[norm.meyer@tc.gc.ca]; mike.timmerman@horiba.com[mike.timmerman@horiba.com]; Okawa, Naoyasu (N.)[okawa.n@mazda.co.jp]; Peabody, Jason (J.A.)[jpeabod6@ford.com]; 'Peter Z. Janosi'[peter.janosi@roush.com]; 'RMiller@hatci.com'['RMiller@hatci.com']; 'Roxanne Loeffler'[rloeffler@sae.org]; 'Schlueter, Hannah (EASZ/1)'[hannah.schlueter@volkswagen.de]; sconrad@hatci.com [sconrad@hatci.com]; 'snyder.jim@epa.gov'['snyder.jim@epa.gov']; Steve Karamihas[stevemk@umich.edu]; steve.baldus@gm.com[steve.baldus@gm.com]; 'Suanne.Thomas@vw.com'[Suanne.Thomas@vw.com]; 'tom.beierschmitt@tema.toyota.com'['tom.beierschmitt@tema.toyota.com']; 'tommy_chang@ahm.honda.com'['tommy_chang@ahm.honda.com']; 'Vineet Mehta'[vineet@teslamotors.com]; Beggs, William S.[william.beggs@gm.com]; Ott, William[ott.william@epa.gov]; william.meschievitz@tema.toyota.com[william.meschievitz@tema.toyota.com]; Wright, DavidA[Wright.DavidA@epa.gov]; yosuke_sato@ahm.honda.com[yosuke_sato@ahm.honda.com]; Yuhase, Nicole (L.)[nyuhase@ford.com]; Zhu, Jennifer (J.)[jzhu38@ford.com]
Cc: Nikeus, Jill (J.N.)[jill.nikeus@volvocars.com]; Frank Bohanan[fbohanan@mazdausa.com]; Tommy_Chang@ahm.honda.com[Tommy_Chang@ahm.honda.com]
From: Duoba, Michael J.
Sent: Thur 9/17/2015 4:25:37 PM
Subject: RE: SAE J1634 LDVP Committee Meeting
Duoba-A More Accurate RAF-17SEP2015.pptx

Hi all,

Does anybody think this idea has merit?

I have not run it through our test data yet, but it is something that I thought about very recently.

Thanks

- Mike Duoba

Argonne National Lab

From: Glodich, Jeffrey (J.M.) [mailto:jglodich@ford.com]
Sent: Wednesday, September 16, 2015 7:46 AM
To: 'ball.joel@epa.gov'; Beierschmitt, Thomas (T.A.) <tbeiers1@ford.com>; 'Berg, Olle ()' <olle.berg@volvocars.com>; "Beth Perry <eperry@sae.org>" <BethPerry <eperry@sae.org>; 'Bob Maxwell' <remaxwell@comcast.net>; brian.mace@horiba.com; 'Buller, Patrick' <patrick.buller@volvocars.com>; 'Carl Paulina' <Paulina.Carl@epamail.epa.gov>; Chris Nevers <CNevers@autoalliance.org>; Christopher J Twarog <christopher.twarog@gm.com>; 'david.woods@chrysler.com' <david.woods@chrysler.com>; 'Dennis Pawlak' <Dennis.Pawlak@na.mitsubishi-motors.com>; 'Douglas Reid' <Douglas.Reid@na.mitsubishi-motors.com>; Dr. Robert Otto Rasmussen, PE <Robotto@TheTranstecGroup.com>; Duoba, Michael J. <mduoba@anl.gov>; guanghui.cai@gm.com; 'Jeff Foor' <jdf14@chrysler.com>; 'Jenny.Sigelko@vw.com' <Jenny.Sigelko@vw.com>; 'JNIKEUS@volvocars.com' <JNIKEUS@volvocars.com>; 'Keith Thompson' <Keith.Thompson@bepco.com>; kyle.bedsole@gm.com; 'Mahmoud Yassine' <mky@chrysler.com>; Mahrous Michel (FCA) <michel.mahrous@fcagroup.com> <michel.mahrous@fcagroup.com>; 'Marc Belzile' <marc.a.belzile@tc.gc.ca>; 'mark paxton' <mpaxton@ganassi.com>; Mccarthy, Chris (C.) <CMCCAR61@ford.com>; 'Meyer, Norm' <norm.meyer@tc.gc.ca>; mike.timmerman@horiba.com; Okawa, Naoyasu (N.) <okawa.n@mazda.co.jp>; Peabody, Jason (J.A.) <jpeabod6@ford.com>; 'Peter Z. Janosi' <peter.janosi@roush.com>; 'RMiller@hatci.com'; 'Roxanne Loeffler' <rloeffler@sae.org>; 'Schlueter, Hannah (EASZ/1)' <hannah.schlueter@volkswagen.de>; sconrad@hatci.com <sconrad@hatci.com>; 'snyder.jim@epa.gov'; Steve Karamihas <stevemk@umich.edu>; steve.baldus@gm.com; 'Suanne.Thomas@vw.com' <Suanne.Thomas@vw.com>; 'tom.beierschmitt@tema.toyota.com'; 'tommy_chang@ahm.honda.com'; 'Vineet Mehta' <vineet@teslamotors.com>; Beggs, William S. <william.beggs@gm.com>; 'William Ott' <Ott.William@epamail.epa.gov>; william.meschievitz@tema.toyota.com; Wright, DavidA <Wright.DavidA@epa.gov>; yosuke_sato@ahm.honda.com; Yuhase, Nicole (L.) <nyuhase@ford.com>; Zhu, Jennifer (J.) <jzhu38@ford.com>
Cc: Nikeus, Jill (J.N.) <jill.nikeus@volvocars.com>; Frank Bohanan <fbohanan@mazdausa.com>; Tommy_Chang@ahm.honda.com
Subject: RE: SAE J1634 LDVP Committee Meeting

All,

Just a reminder that this is the last meeting before we bring J1634 to ballot, so please be prepared to discuss any comments/concerns.

Thanks,

Jeff

-----Original Appointment-----

From: Glodich, Jeffrey (J.M.)
Sent: Monday, August 31, 2015 8:41 AM
To: Glodich, Jeffrey (J.M.); 'ball.joel@epa.gov'; Beierschmitt, Thomas (T.A.); 'Berg, Olle ()'; Beth Perry <eperry@sae.org>; 'Bob Maxwell'; brian.mace@horiba.com; 'Buller, Patrick'; 'Carl Paulina'; Chris Nevers; Christopher J Twarog ; 'david.woods@chrysler.com'; 'Dennis Pawlak'; 'Douglas Reid'; Dr. Robert Otto Rasmussen, PE ; 'Duoba, Mike'; guanghui.cai@gm.com; 'Jeff Foor'; 'Jenny.Sigelko@vw.com'; 'JNIKEUS@volvocars.com'; 'Keith Thompson'; kyle.bedsole@gm.com; 'Mahmoud Yassine'; Mahrous Michel (FCA) <michel.mahrous@fcagroup.com>; 'Marc Belzile'; 'mark paxton'; Mccarthy, Chris (C.); 'Meyer, Norm'; mike.timmerman@horiba.com; Okawa, Naoyasu (N.); Peabody, Jason (J.A.); 'Peter Z. Janosi'; 'RMiller@hatci.com'; 'Roxanne Loeffler'; 'Schlueter, Hannah (EASZ/1)'; sconrad@hatci.com ; 'snyder.jim@epa.gov'; Steve Karamihas; steve.baldus@gm.com; 'Suanne.Thomas@vw.com'; 'tom.beierschmitt@tema.toyota.com'; 'tommy_chang@ahm.honda.com'; 'Vineet Mehta'; William Beggs <william.beggs@gm.com>; 'William Ott'; william.meschievitz@tema.toyota.com; Wright, DavidA; yosuke_sato@ahm.honda.com; Yuhase, Nicole (L.); Zhu, Jennifer (J.)
Cc: Nikeus, Jill (J.N.); Frank Bohanan; Tommy_Chang@ahm.honda.com
Subject: SAE J1634 LDVP Committee Meeting
When: Thursday, September 17, 2015 1:00 PM-3:30 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Toyota, Ann Arbor

Purpose: Agree on final updates before 1st level balloting.

SAE Light-Duty Vehicle Performance and Economy Measures Committee Meeting 1-3:30 PM, Toyota Technical Center, Ann Arbor.

Call in number 888-270-9936

Access code 8382416

Web Address https://www.connectmeeting.att.com <https://www.connectmeeting.att.com/>

meeting id 888-270-9936

access code 8382416

From: Snyder, Jim
Required Attendees: Wehrly, Linc; Wright, DavidA; Ball, Joel; Dalton, Joel; Pidgeon, Bill; Kata, Leonard (EEO)
Location: AA-Room-Office-C126-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: VW SIL light shift schedule survey and test drive.
Start Date/Time: Wed 5/13/2015 1:00:00 PM
End Date/Time: Wed 5/13/2015 2:00:00 PM

VW will present results of SIL survey on their new 1.4L manual along with a vehicle to test drive the SIL.

To: 'ball.joel@epa.gov'['ball.joel@epa.gov']; Beierschmitt, Thomas (T.A.)[tbeiers1@ford.com]; 'Berg, Olle ()'[olle.berg@volvocars.com]; "Beth Perry <eperry@sae.org>" <BethPerry[eperry@sae.org]; 'Bob Maxwell'[remaxwell@comcast.net]; brian.mace@horiba.com[brian.mace@horiba.com]; 'Buller, Patrick'[patrick.buller@volvocars.com]; Paulina, Carl[paulina.carl@epa.gov]; Chris Nevers[CNevers@autoalliance.org]; Christopher J Twarog [christopher.twarog@gm.com]; 'david.woods@chrysler.com'[david.woods@chrysler.com]; 'Dennis Pawlak'[Dennis.Pawlak@na.mitsubishi-motors.com]; 'Douglas Reid'[Douglas.Reid@na.mitsubishi-motors.com]; Dr. Robert Otto Rasmussen, PE [Robotto@TheTranstecGroup.com]; 'Duoba, Mike'[mduoba@anl.gov]; guanghui.cai@gm.com[guanghui.cai@gm.com]; 'Jeff Foor'[jdf14@chrysler.com]; 'Jenny.Sigelko@vw.com'[Jenny.Sigelko@vw.com]; 'JNIKEUS@volvocars.com'[JNIKEUS@volvocars.com]; 'Keith Thompson'[Keith.Thompson@bepco.com]; kyle.bedsole@gm.com[kyle.bedsole@gm.com]; 'Mahmoud Yassine'[mky@chrysler.com]; Mahrous Michel (FCA) <michel.mahrous@fcagroup.com>[michel.mahrous@fcagroup.com]; 'Marc Belzile'[marc.a.belzile@tc.gc.ca]; 'mark paxton'[mpaxton@ganassi.com]; Mccarthy, Chris (C.)[CMCCAR61@ford.com]; 'Meyer, Norm'[norm.meyer@tc.gc.ca]; mike.timmerman@horiba.com[mike.timmerman@horiba.com]; Okawa, Naoyasu (N.)[okawa.n@mazda.co.jp]; Peabody, Jason (J.A.)[jpeabod6@ford.com]; 'Peter Z. Janosi'[peter.janosi@roush.com]; 'RMiller@hatci.com'['RMiller@hatci.com']; 'Roxanne Loeffler'[rloeffler@sae.org]; 'Schlueter, Hannah (EASZ/1)'[hannah.schlueter@volkswagen.de]; sconrad@hatci.com [sconrad@hatci.com]; 'snyder.jim@epa.gov'['snyder.jim@epa.gov']; Steve Karamihas[stevemk@umich.edu]; steve.baldus@gm.com[steve.baldus@gm.com]; 'Suanne.Thomas@vw.com'[Suanne.Thomas@vw.com]; 'tom.beierschmitt@tema.toyota.com'['tom.beierschmitt@tema.toyota.com']; 'tommy_chang@ahm.honda.com'['tommy_chang@ahm.honda.com']; 'Vineet Mehta'[vineet@teslamotors.com]; William Beggs <william.beggs@gm.com>[william.beggs@gm.com]; Ott, William[ott.william@epa.gov]; william.meschievitz@tema.toyota.com[william.meschievitz@tema.toyota.com]; Wright, DavidA[Wright.DavidA@epa.gov]; yosuke_sato@ahm.honda.com[yosuke_sato@ahm.honda.com]; Yuhase, Nicole (L.)[nyuhase@ford.com]; Zhu, Jennifer (J.)[jzhu38@ford.com]
Cc: Nikeus, Jill (J.N.)[jill.nikeus@volvocars.com]; Frank Bohanan[fbohanan@mazdausa.com]; Tommy_Chang@ahm.honda.com[Tommy_Chang@ahm.honda.com]
From: Glodich, Jeffrey (J.M.)
Sent: Wed 9/16/2015 12:46:23 PM
Subject: RE: SAE J1634 LDVP Committee Meeting

All,

Just a reminder that this is the last meeting before we bring J1634 to ballot, so please be prepared to discuss any comments/concerns.

Thanks,
Jeff

-----Original Appointment-----
From: Glodich, Jeffrey (J.M.)
Sent: Monday, August 31, 2015 8:41 AM
To: Glodich, Jeffrey (J.M.); 'ball.joel@epa.gov'; Beierschmitt, Thomas (T.A.); 'Berg, Olle ()'; Beth Perry <eperry@sae.org>; 'Bob Maxwell'; brian.mace@horiba.com; 'Buller, Patrick'; 'Carl Paulina'; Chris Nevers; Christopher J Twarog ; 'david.woods@chrysler.com'; 'Dennis Pawlak'; 'Douglas Reid'; Dr. Robert Otto Rasmussen, PE ; 'Duoba, Mike'; guanghui.cai@gm.com; 'Jeff Foor'; 'Jenny.Sigelko@vw.com'; 'JNIKEUS@volvocars.com'; 'Keith Thompson'; kyle.bedsole@gm.com; 'Mahmoud Yassine'; Mahrous Michel (FCA) <michel.mahrous@fcagroup.com>; 'Marc Belzile'; 'mark paxton'; Mccarthy, Chris (C.); 'Meyer, Norm'; mike.timmerman@horiba.com; Okawa, Naoyasu (N.); Peabody, Jason (J.A.); 'Peter Z.

Janosi'; 'RMiller@hatci.com'; 'Roxanne Loeffler'; 'Schlueter, Hannah (EASZ/1)'; sconrad@hatci.com ; 'snyder.jim@epa.gov'; Steve Karamihas; steve.baldus@gm.com; 'Suanne.Thomas@vw.com'; 'tom.beierschmitt@tema.toyota.com'; 'tommy_chang@ahm.honda.com'; 'Vineet Mehta'; William Beggs <william.beggs@gm.com>; 'William Ott'; william.meschievitz@tema.toyota.com; Wright, DavidA; yosuke_sato@ahm.honda.com; Yuhase, Nicole (L.); Zhu, Jennifer (J.)
Cc: Nikeus, Jill (J.N.); Frank Bohanan; Tommy_Chang@ahm.honda.com
Subject: SAE J1634 LDVP Committee Meeting
When: Thursday, September 17, 2015 1:00 PM-3:30 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Toyota, Ann Arbor

Purpose: Agree on final updates before 1st level balloting.

SAE Light-Duty Vehicle Performance and Economy Measures Committee Meeting 1-3:30 PM, Toyota Technical Center, Ann Arbor.

Non-Responsive

Web Address https://www.connectmeeting.att.com <https://www.connectmeeting.att.com/>

Non-Responsive

To: Glodich, Jeffrey (J.M.)[jglodich@ford.com]; 'ball.joel@epa.gov'['ball.joel@epa.gov']; Beierschmitt, Thomas (T.A.)[tbeiers1@ford.com]; 'Berg, Olle ()'[olle.berg@volvocars.com]; "Beth Perry <eperry@sae.org>" <BethPerry[eperry@sae.org]; 'Bob Maxwell'[remaxwell@comcast.net]; brian.mace@horiba.com[brian.mace@horiba.com]; Buller, Patrick[patrick.buller@volvocars.com]; Paulina, Carl[paulina.carl@epa.gov]; Chris Nevers[CNevers@autoalliance.org]; Christopher J Twarog [christopher.twarog@gm.com]; david.woods@chrysler.com[david.woods@chrysler.com]; 'Dennis Pawlak'[Dennis.Pawlak@na.mitsubishi-motors.com]; 'Douglas Reid'[Douglas.Reid@na.mitsubishi-motors.com]; Dr. Robert Otto Rasmussen, PE [Robotto@TheTranstecGroup.com]; 'Duoba, Mike'[mduoba@anl.gov]; guanghui.cai@gm.com[guanghui.cai@gm.com]; 'Jeff Foor'[jdf14@chrysler.com]; Jenny.Sigelko@vw.com[Jenny.Sigelko@vw.com]; JNIKEUS@volvocars.com[JNIKEUS@volvocars.com]; 'Keith Thompson'[Keith.Thompson@bepco.com]; kyle.bedsole@gm.com[kyle.bedsole@gm.com]; 'Mahmoud Yassine'[mky@chrysler.com]; Mahrous Michel (FCA) <michel.mahrous@fcagroup.com>[michel.mahrous@fcagroup.com]; 'Marc Belzile'[marc.a.belzile@tc.gc.ca]; 'mark paxton'[mpaxton@ganassi.com]; Mccarthy, Chris (C.)[CMCCAR61@ford.com]; 'Meyer, Norm'[norm.meyer@tc.gc.ca]; mike.timmerman@horiba.com[mike.timmerman@horiba.com]; Okawa, Naoyasu (N.)[okawa.n@mazda.co.jp]; Peabody, Jason (J.A.)[jpeabod6@ford.com]; 'Peter Z. Janosi'[peter.janosi@roush.com]; 'RMiller@hatci.com'['RMiller@hatci.com']; 'Roxanne Loeffler'[rloeffler@sae.org]; 'Schlueter, Hannah (EASZ/1)'[hannah.schlueter@volkswagen.de]; sconrad@hatci.com [sconrad@hatci.com]; 'snyder.jim@epa.gov'['snyder.jim@epa.gov']; Steve Karamihas[stevemk@umich.edu]; steve.baldus@gm.com[steve.baldus@gm.com]; Suanne.Thomas@vw.com[Suanne.Thomas@vw.com]; 'tom.beierschmitt@tema.toyota.com'['tom.beierschmitt@tema.toyota.com']; 'tommy_chang@ahm.honda.com'['tommy_chang@ahm.honda.com']; Vineet Mehta[vineet@teslamotors.com]; William Beggs <william.beggs@gm.com>[william.beggs@gm.com]; Ott, William[ott.william@epa.gov]; Will Meschievitz (TEMA TTC)[william.meschievitz@tema.toyota.com]; Wright, DavidA[Wright.DavidA@epa.gov]; yosuke_sato@ahm.honda.com[yosuke_sato@ahm.honda.com]; Yuhase, Nicole (L.)[nyuhase@ford.com]
From: Tom Beierschmitt (TEMA TTC)
Sent: Wed 8/26/2015 4:40:23 PM
Subject: RE: Upcoming SAE LDVP Committee Meetings

●● PROTECTED 関係者外秘

OK with me

Tom Beierschmitt Sr.

From: Glodich, Jeffrey (J.M.) [mailto:jglodich@ford.com]
Sent: Wednesday, August 26, 2015 12:31 PM
To: 'ball.joel@epa.gov'; Beierschmitt, Thomas (T.A.); 'Berg, Olle ()'; "Beth Perry <eperry@sae.org>" <BethPerry; 'Bob Maxwell'; brian.mace@horiba.com; Buller, Patrick; 'Carl Paulina'; Chris Nevers; Christopher J Twarog ; david.woods@chrysler.com; 'Dennis Pawlak'; 'Douglas Reid'; Dr. Robert Otto Rasmussen, PE ; 'Duoba, Mike'; Glodich, Jeffrey (J.M.); guanghui.cai@gm.com; 'Jeff Foor'; Jenny.Sigelko@vw.com; JNIKEUS@volvocars.com; 'Keith Thompson'; kyle.bedsole@gm.com; 'Mahmoud Yassine'; Mahrous Michel (FCA) <michel.mahrous@fcagroup.com>; 'Marc Belzile'; 'mark paxton'; Mccarthy, Chris (C.); 'Meyer, Norm'; mike.timmerman@horiba.com; Okawa, Naoyasu (N.); Peabody, Jason (J.A.); 'Peter Z. Janosi'; 'RMiller@hatci.com'; 'Roxanne Loeffler'; 'Schlueter, Hannah (EASZ/1)'; sconrad@hatci.com ; 'snyder.jim@epa.gov'; Steve Karamihas; steve.baldus@gm.com;

Suanne.Thomas@vw.com; 'tom.beierschmitt@tema.toyota.com'; 'tommy_chang@ahm.honda.com'; Vineet Mehta; William Beggs <william.beggs@gm.com>; 'William Ott'; Will Meschievitz (TEMA TTC); Wright, DavidA; yosuke_sato@ahm.honda.com; Yuhase, Nicole (L.)
Subject: Upcoming SAE LDVP Committee Meetings

All,

Please send me your input on the following proposed dates for the next J1634 and J2263 meetings:

SAE J1634 Sept 17th

SAE J2263 Sept 24th

Thanks,

Jeff

Jeff Glodich
Ford Motor Company
Vehicle Environmental Regulatory Strategy and Planning
217-E4 WHQ
(313) 845-1579

To: 'ball.joel@epa.gov'['ball.joel@epa.gov']; Beierschmitt, Thomas (T.A.)[tbeiers1@ford.com]; 'Berg, Olle ()'[olle.berg@volvocars.com]; "Beth Perry <eperry@sae.org>" <BethPerry[eperry@sae.org]; 'Bob Maxwell'[remaxwell@comcast.net]; brian.mace@horiba.com[brian.mace@horiba.com]; Buller, Patrick[patrick.buller@volvocars.com]; Paulina, Carl[paulina.carl@epa.gov]; Chris Nevers[CNevers@autoalliance.org]; Christopher J Twarog [christopher.twarog@gm.com]; david.woods@chrysler.com[david.woods@chrysler.com]; 'Dennis Pawlak'[Dennis.Pawlak@na.mitsubishi-motors.com]; 'Douglas Reid'[Douglas.Reid@na.mitsubishi-motors.com]; Dr. Robert Otto Rasmussen, PE [Robotto@TheTranstecGroup.com]; 'Duoba, Mike'[mduoba@anl.gov]; Glodich, Jeffrey (J.M.)[jglodich@ford.com]; guanghui.cai@gm.com[guanghui.cai@gm.com]; 'Jeff Foor'[jdf14@chrysler.com]; Jenny.Sigelko@vw.com[Jenny.Sigelko@vw.com]; JNIKEUS@volvocars.com[JNIKEUS@volvocars.com]; 'Keith Thompson'[Keith.Thompson@bepco.com]; kyle.bedsole@gm.com[kyle.bedsole@gm.com]; 'Mahmoud Yassine'[mky@chrysler.com]; Mahrous Michel (FCA) <michel.mahrous@fcagroup.com>[michel.mahrous@fcagroup.com]; 'Marc Belzile'[marc.a.belzile@tc.gc.ca]; 'mark paxton'[mpaxton@ganassi.com]; Mccarthy, Chris (C.)[CMCCAR61@ford.com]; 'Meyer, Norm'[norm.meyer@tc.gc.ca]; mike.timmerman@horiba.com[mike.timmerman@horiba.com]; Okawa, Naoyasu (N.)[okawa.n@mazda.co.jp]; Peabody, Jason (J.A.)[jpeabod6@ford.com]; 'Peter Z. Janosi'[peter.janosi@roush.com]; 'RMiller@hatci.com'['RMiller@hatci.com']; 'Roxanne Loeffler'[rloeffler@sae.org]; 'Schlueter, Hannah (EASZ/1)'[hannah.schlueter@volkswagen.de]; sconrad@hatci.com [sconrad@hatci.com]; 'snyder.jim@epa.gov'['snyder.jim@epa.gov']; Steve Karamihas[stevemk@umich.edu]; steve.baldus@gm.com[steve.baldus@gm.com]; Suanne.Thomas@vw.com[Suanne.Thomas@vw.com]; 'tom.beierschmitt@tema.toyota.com'['tom.beierschmitt@tema.toyota.com']; 'tommy_chang@ahm.honda.com'['tommy_chang@ahm.honda.com']; Vineet Mehta[vineet@teslamotors.com]; William Beggs <william.beggs@gm.com>[william.beggs@gm.com]; Ott, William[ott.william@epa.gov]; william.meschievitz@tema.toyota.com[william.meschievitz@tema.toyota.com]; Wright, DavidA[Wright.DavidA@epa.gov]; yosuke_sato@ahm.honda.com[yosuke_sato@ahm.honda.com]; Yuhase, Nicole (L.)[nyuhase@ford.com]
From: Glodich, Jeffrey (J.M.)
Sent: Wed 8/26/2015 4:30:46 PM
Subject: Upcoming SAE LDVP Committee Meetings

All,

Please send me your input on the following proposed dates for the next J1634 and J2263 meetings:

SAE J1634 Sept 17th

SAE J2263 Sept 24th

Thanks,
Jeff

Jeff Glodich
Ford Motor Company
Vehicle Environmental Regulatory Strategy and Planning
217-E4 WHQ
(313) 845-1579

To: Snyder, Jim[Snyder.Jim@epa.gov]; Wehrly, Linc[wehrly.linc@epa.gov]; Wright, DavidA[Wright.DavidA@epa.gov]; Ball, Joel[ball.joel@epa.gov]; Dalton, Joel[Dalton.Joel@epa.gov]; Pidgeon, Bill[pidgeon.bill@epa.gov]
Cc: Stendel, Detlef (EASZ/1)[detlef.stendel@volkswagen.de]; Schlueter, Hannah (EASZ/1)[hannah.schlueter@volkswagen.de]; Horton, Garett (VWGoA Imp)[garett.horton@volkswagen.de]; Glas, Tobias[Tobias.Glas@vw.com]; Peter, Juergen (EASZ/1)[juergen.peter@volkswagen.de]; Thomas, Richard (EEO)[Richard.Thomas@vw.com]; Rohr, Katharina (A-GDFA-LK)[KATHARINA.ROHR@ZFM-AUTOVISION.COM]
From: Kata, Leonard (EEO)
Sent: Thur 5/28/2015 1:05:53 PM
Subject: RE: VW SIL light shift schedule survey and test drive.
Customer Shift Survey.2_2015.05.22.pdf

To all:

Attached is an updated slide that addresses a follow-up question from EPA regarding analysis of the data from the SIL survey per A/C 72A. Please let me know if you have any further questions. We would be able to have a short telephone conference if further explanation is required.

Best regards,

Len

Leonard W. Kata
Senior Manager
Emission Regulations and Certification
Engineering and Environmental Office
Volkswagen Group of America, Inc.

Phone: (248) 754-4204
Cell: (248) 797-3886
Fax: (248) 754-4207
E-Mail: leonard.kata@vw.com

From: Kata, Leonard (EEO)
Sent: Wednesday, May 13, 2015 3:59 PM
To: 'Snyder, Jim'; Wehrly, Linc; Wright, DavidA; Ball, Joel; Dalton, Joel; Pidgeon, Bill
Cc: Stendel, Detlef (EASZ/1); Schlueter, Hannah (EASZ/1); Horton, Garett (VWGoA Imp); Glas, Tobias; Peter, Juergen (EASZ/1); Thomas, Richard (EEO); Rohr, Katharina (A-GDFA-LK)
Subject: RE: VW SIL light shift schedule survey and test drive.

To all:

Thank you for the opportunity to present the Volkswagen Shift Indicator Light (SIL) topic today. I hope that you found having a vehicle available to experience the system first hand was beneficial. I have

attached a copy of the final presentation for reference. We understand that EPA now wishes to consider the information presented. Due to a short amount of lead-time and the need to finalize the design and implementation of the SIL system, anything that could be done to expedite a decision would be appreciated. Please let me know if any additional information is required.

Best regards,

Len

Leonard W. Kata
Senior Manager
Emission Regulations and Certification
Engineering and Environmental Office
Volkswagen Group of America, Inc.

Phone: (248) 754-4204
Cell: (248) 797-3886
Fax: (248) 754-4207
E-Mail: leonard.kata@vw.com

<< File: Customer Shift Survey.pdf >>

-----Original Appointment-----
From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Monday, May 11, 2015 5:13 PM
To: Snyder, Jim; Wehrly, Linc; Wright, DavidA; Ball, Joel; Dalton, Joel; Pidgeon, Bill; Kata, Leonard (EEO); Schlueter, Hannah (EASZ/1); Horton, Garett (VWGoA Imp); Glas, Tobias; Peter, Juergen (EASZ/1); Thomas, Richard (EEO); Stendel, Detlef (EASZ/1) (detlef.stendel@volkswagen.de); Rohr, Katharina (A-GDFA-LK)
Subject: VW SIL light shift schedule survey and test drive.
When: Wednesday, May 13, 2015 9:00 AM-10:00 AM (UTC-05:00) Eastern Time (US & Canada).
Where: AA-Room-Office-C126-ConfRoom/AA-OTAQ-OFFICE

When: Wednesday, May 13, 2015 9:00 AM-10:00 AM (GMT-05:00) Eastern Time (US & Canada).
Where: AA-Room-Office-C126-ConfRoom/AA-OTAQ-OFFICE

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*~*

VW will present results of SIL survey on their new 1.4L manual along with a vehicle to test drive the SIL.

To: 'ball.joel@epa.gov'['ball.joel@epa.gov']; Beierschmitt, Thomas (T.A.)[tbeiers1@ford.com]; 'Berg, Olle ()'[olle.berg@volvocars.com]; 'Bob Maxwell'[remaxwell@comcast.net]; 'Buller, Patrick'[patrick.buller@volvocars.com]; Paulina, Carl[paulina.carl@epa.gov]; Chris Nevers[CNevers@autoalliance.org]; Christopher J Twarog [christopher.twarog@gm.com]; 'david.woods@chrysler.com'[david.woods@chrysler.com]; 'Dennis Pawlak'[Dennis.Pawlak@na.mitsubishi-motors.com]; 'Douglas Reid'[Douglas.Reid@na.mitsubishi-motors.com]; Dr. Robert Otto Rasmussen, PE [Robotto@TheTranstecGroup.com]; 'Duoba, Mike'[mduoba@anl.gov]; guanghui.cai@gm.com[guanghui.cai@gm.com]; 'Jeff Foor'[jdf14@chrysler.com]; 'Jenny.Sigelko@vw.com'[Jenny.Sigelko@vw.com]; 'JNIKEUS@volvocars.com'[JNIKEUS@volvocars.com]; 'Keith Thompson'[Keith.Thompson@bepco.com]; kyle.bedsole@gm.com[kyle.bedsole@gm.com]; 'Mahmoud Yassine'[mky@chrysler.com]; Mahrous Michel (FCA) <michel.mahrous@fcagroup.com>[michel.mahrous@fcagroup.com]; 'Marc Belzile'[marc.a.belzile@tc.gc.ca]; 'mark paxton'[mpaxton@ganassi.com]; Mccarthy, Chris (C.)[CMCCAR61@ford.com]; 'Meyer, Norm'[norm.meyer@tc.gc.ca]; mike.timmerman@horiba.com[mike.timmerman@horiba.com]; Okawa, Naoyasu (N.)[okawa.n@mazda.co.jp]; Peabody, Jason (J.A.)[jpeabod6@ford.com]; 'Peter Z. Janosi'[peter.janosi@roush.com]; 'RMiller@hatci.com'['RMiller@hatci.com']; 'Roxanne Loeffler'[rloeffler@sae.org]; 'Schlueter, Hannah (EASZ/1)'[hannah.schlueter@volkswagen.de]; sconrad@hatci.com [sconrad@hatci.com]; 'snyder.jim@epa.gov'['snyder.jim@epa.gov']; Steve Karamihas[stevemk@umich.edu]; steve.baldus@gm.com[steve.baldus@gm.com]; 'Suanne.Thomas@vw.com'[Suanne.Thomas@vw.com]; 'tom.beierschmitt@tema.toyota.com']['tom.beierschmitt@tema.toyota.com']; 'tommy_chang@ahm.honda.com']['tommy_chang@ahm.honda.com']; 'Vineet Mehta'[vineet@teslamotors.com]; William Beggs <william.beggs@gm.com>[william.beggs@gm.com]; Ott, William[ott.william@epa.gov]; william.meschievitz@tema.toyota.com[william.meschievitz@tema.toyota.com]; Wright, DavidA[Wright.DavidA@epa.gov]; yosuke_sato@ahm.honda.com[yosuke_sato@ahm.honda.com]; Yuhase, Nicole (L.)[nyuhase@ford.com]; Chen, Elaine (E.Y.)[echen8@ford.com]; Jacobson, Mark (M.F.)[mjacobso@ford.com]
Cc: 'Nikeus, Jill (J.N.)'[jill.nikeus@volvocars.com]; Tommy_Chang@ahm.honda.com[Tommy_Chang@ahm.honda.com]
From: Glodich, Jeffrey (J.M.)
Sent: Mon 6/1/2015 5:42:16 PM
Subject: SAE Light-Duty Vehicle Performance and Economy Measures Committee Meeting

FYI, both J1634 appendix documents have been posted to the website.

Jeff

To: Brooks, Phillip[Brooks.Phillip@epa.gov]
From: Ex. 7 (EEO)
Sent: Thur 9/17/2015 6:41:34 PM
Subject: RE: Providing conference line information

Hello Phil,

Thank you for the follow-up email. I've contacted David Geanacopoulos and he will check his schedule and get back to me today.

Talk to you tomorrow,

Ex. 7

Ex. 7

Engineering and Environmental Office

Volkswagen Group of America

Ex. 7

From: Brooks, Phillip [mailto:Brooks.Phillip@epa.gov]
Sent: Thursday, September 17, 2015 2:34 PM
To: Ex. 7 (EEO)
Subject: Providing conference line information

Just to be sure I gave you the correct information: the call tomorrow at 9:00am will be on a conference line at Non-Responsive The Conference Code is Non-Responsive

If you have questions, or need assistance, please call.

Philip A Brooks

Director, Air Enforcement Division

OCE/OECA

U.S. Environmental Protection Agency

(202) 564-0652

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Wehrly, Linc[wehrly.linc@epa.gov]; Wright, DavidA[Wright.DavidA@epa.gov]; Ball, Joel[ball.joel@epa.gov]; Dalton, Joel[Dalton.Joel@epa.gov]; Pidgeon, Bill[pidgeon.bill@epa.gov]
From: Kata, Leonard (EEO)
Sent: Tue 5/12/2015 8:19:51 PM
Subject: USEPA Meeting with Volkswagen - Shift Indicator Light

Hello Jim:

I assume that the VW meeting to discuss the SIL topic is still on for tomorrow morning. Mr. Tobias Glas and I will be there in person. I have set up a conference call number since the presentation will be provided by a colleague in Germany. I would appreciate it if a speaker phone is available in the conference room.

Also, it may be beneficial to drive the car prior to the meeting and start the discussion a bit later; however, this can be done at your option.

Non-Responsive

Best regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

Fax: (248) 754-4207

E-Mail: leonard.kata@vw.com

To: Ex. 7 @vw.com]
Cc: Bunker, Byron[bunker.byron@epa.gov]; Snyder, Jim[Snyder.Jim@epa.gov]
From: Wehrly, Linc
Sent: Fri 9/11/2015 2:33:18 PM
Subject: Re: Meeting at 1:00

Stuart,

That would be fine. See you then.

Linc

Sent from my iPhone

On Sep 11, 2015, at 9:21 AM, Ex. 7 @vw.com> wrote:

Hello Guys,

I am planning to come out to your office this afternoon for the meeting today.

If that doesn't work for you, please let me know.

Thanks,

Ex. 7

To: Wehrly, Linc[wehrly.linc@epa.gov]; Bunker, Byron[bunker.byron@epa.gov]
Cc: Ex. 7 @vw.com]
From: Ex. 7 (EEO)
Sent: Wed 9/2/2015 6:51:15 PM
Subject: Conf Call for VW-CARB Meeting

Hello Linc, Byron,

I had a note from Ex. 7 that CARB has already set up a conf call number for tomorrow's meeting. Sorry for the confusion. Please use their number instead of the one I sent earlier for tomorrow's call. If you have any questions please let me know.

Thanks

Ex. 7

Ex. 7

Engineering and Environmental Office

Volkswagen Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
Phon
Cell:
FAX:
E-Ma

Ex. 7

From: Glodich, Jeffrey (J.M.)
Location: Toyota, Ann Arbor
Importance: Normal
Subject: SAE J2263 LDVP Committee Meeting
Start Date/Time: Thur 9/24/2015 5:00:00 PM
End Date/Time: Thur 9/24/2015 7:30:00 PM

;;;
Purpose: Focused on J2263 next steps. Agenda TBD.
SAE Light-Duty Vehicle Performance and Economy Measures Committee Meeting 1-3:30 PM, Toyota Technical Center, Ann Arbor.
Call in number Non-Responsive
Access code Non-Responsive
Web Address https://www.connectmeeting.att.com <https://www.connectmeeting.att.com/>
meeting id
access code Non-Responsive

From: Glodich, Jeffrey (J.M.)
Location: Toyota, Ann Arbor
Importance: Normal
Subject: SAE J1634 LDVP Committee Meeting
Start Date/Time: Thur 9/17/2015 5:00:00 PM
End Date/Time: Thur 9/17/2015 7:30:00 PM

;;;
Purpose: Agree on final updates before 1st level balloting.
SAE Light-Duty Vehicle Performance and Economy Measures Committee Meeting 1-3:30 PM, Toyota Technical Center, Ann Arbor.
Call in number Non-Responsive
Access code Non-Responsive
Web Address https://www.connectmeeting.att.com <https://www.connectmeeting.att.com/>
meeting id Non-Responsive
access code

From: Snyder, Jim
Required Attendees: Wehrly, Linc; Wright, DavidA; Ball, Joel; Dalton, Joel; Pidgeon, Bill; Kata, Leonard (EEO)
Location: AA-Room-Office-C126-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: VW SIL light shift schedule survey and test drive.
Start Date/Time: Wed 5/13/2015 1:00:00 PM
End Date/Time: Wed 5/13/2015 2:00:00 PM

VW will present results of SIL survey on their new 1.4L manual along with a vehicle to test drive the SIL.

To: Ex. 7 @vw.com]
From: Brooks, Phillip
Sent: Thur 9/17/2015 6:44:15 PM
Subject: RE: Providing conference line information

Thank you. Please note that this is a call that Mr. Geanacopolus would probably want to make a priority.

From: Ex. 7 @vw.com]
Sent: Thursday, September 17, 2015 2:42 PM
To: Brooks, Phillip
Subject: RE: Providing conference line information

Hello Phil,

Thank you for the follow-up email. I've contacted David Geanacopoulos and he will check his schedule and get back to me today.

Talk to you tomorrow,

Ex. 7

Ex. 7

From: Brooks, Phillip [mailto:Brooks.Phillip@epa.gov]
Sent: Thursday, September 17, 2015 2:34 PM
To: Ex. 7
Subject: Providing conference line information

Just to be sure I gave you the correct information: the call tomorrow at 9:00am will be on a conference line at Non-Responsive

If you have questions, or need assistance, please call.

Philip A Brooks

Director, Air Enforcement Division

OCE/OECA

U.S. Environmental Protection Agency

(202) 564-0652

To: Ex. 7 @vw.com]
From: Brooks, Phillip
Sent: Thur 9/17/2015 6:33:33 PM
Subject: Providing conference line information

Just to be sure I gave you the correct information: the call tomorrow at 9:00am will be on a conference line at Non-Responsive

If you have questions, or need assistance, please call.

Philip A Brooks

Director, Air Enforcement Division

OCE/OECA

U.S. Environmental Protection Agency

(202) 564-0652

To: Good, David[good.david@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Mon 9/14/2015 5:06:46 PM
Subject: FW: 2016 Audi S8

Ex. 4 - CBI

Hi Dave;

To summarize our phone discussion I have the following. Ex. 4 - CBI

Ex. 4 - CBI

If you have any questions or I did not capture the discussion correctly please let me know.

Best regards,

Richard

From: Thomas, Richard (EEO)
Sent: Monday, September 14, 2015 11:59 AM
To: 'Good.David@epamail.epa.gov' <Good.David@epamail.epa.gov>
Cc: Jim Snyder (snyder.jim@epa.gov) <snyder.jim@epa.gov>; Kata, Leonard (EEO) <Leonard.Kata@vw.com>
Subject: 2016 Audi S8

Hi Dave;

I guess you are in the office today (Monday). As a reminder, I have attached an email I wrote to you before your vacation week. For your information I heard from the Audi of America marketing department and they would prefer to use the newly calculated lower city and highway values this model year. This higher horse power engine will be the only engine for 2017 and they would prefer to use the lower values now rather than next model year. Ex. 4 - CBI

Ex. 4 - CBI

Best regards,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
Cc: Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Tue 9/1/2015 1:52:34 PM
Subject: Ex. 4 - CBI Audi S8

Hi Dave;

A reminder to look into this issue when you have time on Thursday, maybe. First allow me to

Ex. 4 - CBI

Thanks,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Mon 9/14/2015 3:59:12 PM
Subject: 2016 Audi S8

Ex. 4 - CBI

Hi Dave;

I guess you are in the office today (Monday). As a reminder, I have attached an email I wrote to you before your vacation week. Ex. 4 - CBI

Ex. 4 - CBI

Best regards,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
Cc: Hopson, Janet L.[hopsonjl@ornl.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Mon 9/14/2015 3:41:32 PM
Subject: RE: Fuel Economy Guide Website - 2016 Model Types - Questions about the website

Thank you Dave.

From: Good, David [mailto:good.david@epa.gov]
Sent: Monday, September 14, 2015 11:38 AM
To: Thomas, Richard (EEO) <Richard.Thomas@vw.com>
Cc: Hopson, Janet L. <hopsonjl@ornl.gov>; Kata, Leonard (EEO) <Leonard.Kata@vw.com>
Subject: RE: Fuel Economy Guide Website - 2016 Model Types - Questions about the website

Richard,

DOE hasn't begun using the 2016 average mpg, electricity costs, etc. yet----because all previous model year vehicles are compared to this value, etc. They will change over to the 2016 fuel costs, etc in the late fall or early in 2016 calendar year.

Dave

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Thursday, September 10, 2015 7:42 AM
To: Good, David
Cc: Hopson, Janet L.; Kata, Leonard (EEO)
Subject: Fuel Economy Guide Website - 2016 Model Types

Hi Dave;

I know you are on vacation this week but thought I would send this out before I forget. I was examining the fuel economy guide website when I noticed that the **2016** Volkswagen model year

vehicles still list the text in the "You save or spend*" section that reads: "Note: The average 2015 vehicle gets 24 MPG". For 2016 model year vehicles this should now be 25 MPG.

I have copied Janet with this mail and perhaps she may change that so the 2016 average will read 25 MPG on the website for the 2016 model year products. It was also the same for other manufacturers' 2016 models.

I also noticed that the 2016 Volkswagen e-Golf when selected reads $0.88 to drive 25 miles, the same as the last model year's model. This was based upon the $0.12 per kW-hr of electricity. The official value for electricity is now $0.13 per kW-hr. That would of course, affect the value that is shown in the "Cost to drive 25 miles". Shouldn't the unit price first be shown with the official model year label 2016 unit prices (regular gasoline $3.00, premium gasoline $3.30, Diesel $3.35, electric $0.13) of fuel and then the customer could personalize the unit price to get an updated savings, spending or cost to drive 25 miles value?

Best regards,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Thur 9/3/2015 2:02:29 PM
Subject: RE: 2016 FE Guide - Data in Verify as of 9/2/2015 10AM

Okay great, thank you. I get forgetful when I don't see that additional tab with EVs, but I didn't think there was an issue.

From: Good, David [mailto:good.david@epa.gov]
Sent: Thursday, September 03, 2015 9:54 AM
To: Thomas, Richard (EEO) <Richard.Thomas@vw.com>
Subject: RE: 2016 FE Guide - Data in Verify as of 9/2/2015 10AM

Richard,

The 2016 e-Golf is posted on the web---it didn't have any errors. I sent you the data on 8/20/2015 for your review for the 2016 Printed Guide---copy attached. It's in a different tab from the conventional vehicles.

Dave

Dave

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Thursday, September 03, 2015 7:35 AM
To: Good, David
Subject: RE: 2016 FE Guide - Data in Verify as of 9/2/2015 10AM

Hi Dave;

I noticed that I have not seen the BEV Volkswagen e-Golf on your spreadsheet listing since the end of July. You told me to ignore the e-Golf errors in your mail of July 29th. I assume everything is okay with this label #086, correct? It was a carried over from 2015, with only a change to the electricity unit price to $0.13 per kW-hr from $0.12. And, as I told you we made the 240V charge time a bit more definitive at 3.7 hours instead of 4 hours.

Thanks,

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Wednesday, September 02, 2015 5:28 PM
To: Thomas, Richard (EEO) <Richard.Thomas@vw.com>
Subject: 2016 FE Guide - Data in Verify as of 9/2/2015 10AM

Richard,

Per your voicemail. Thanks for fixing the error.

Dave

To: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Tue 9/1/2015 2:57:41 PM
Subject: 5250 ETW cut point Standard SUVS

Hi Dave;

I thought I better not bother you with a phone call, but I was wondering if you can provide the new cut point for a 5250 lbs ETW, for a Standard Sport Utility Vehicle that is in your draft list and yet to be issued. Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI You said that we may see the official notice with new cut pints this week.

Thanks,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
Cc: Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Tue 9/1/2015 1:52:34 PM
Subject: Running Change Fuel Economy 2016 Audi S8

Hi Dave;

A reminder to look into this issue when you have time on Thursday, maybe. First allow me to

Ex. 4 - CBI

Thanks,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Thomas, Richard (EEO)
Sent: Fri 8/28/2015 10:13:13 AM
Subject: RE: 2016 FE Guide - Errors in Verify as of 4PM on August 27, 2015

Thanks Dave;

Ex. 4 - CBI

From: Good, David [mailto:good.david@epa.gov]
Sent: Thursday, August 27, 2015 6:17 PM
To: Thomas, Richard (EEO) <Richard.Thomas@vw.com>
Cc: Snyder, Jim <Snyder.Jim@epa.gov>
Subject: Re: 2016 FE Guide - Errors in Verify as of 4PM on August 27, 2015

Richard,

Re: 2016 FE Guide - Errors in Verify as of 4PM on August 27, 2015

I did another query of the data in Verify as of 4PM today---to help manufacturers correct errors on any new entries.

Attached are the data in Verify as of 6AM on August 27, 2015. Labels with pea green fill in the first few columns have errors but which need to be corrected in Verify before I can have the data posted on www.fueleconomy.gov. The errors are also highlighted in yellow fill in the column where the error occurred.

The next normal posting of 2015 & 2016 FE Label data will be on September 2, 2015 (on a monthly schedule where I run the query on the 1st, 9th,15th and 23rd of the month) and send the data to DOE for posting on that day (or a day later). This is the same day which I will send the data in Verify to DOE for the 2016 Printed Guide.

Please make any needed corrections to Verify when you get a chance.

Using the 2017 Derived 5-Cycle Equation for 2016MY Vehicles: If you are voluntarily using the 2017 derived 5-cycle equations for any 2016 model year vehicles, please send me the 2016 Index number(s) of the affected vehicles so I can build them into the macro.

Placeholders for the 2016 Printed Guide are due to EPA on Aug 20, 2015: If you haven't already done so, please send me an Excel spreadsheet with any fuel cell vehicles, EVs, HEVs, PHEVs, FFVs and any other alternative fuel vehicles which won't be labeled in Verify by September 1, 2015. [Please don't include placeholder information for vehicles which are already in EPA's Verify database (or will be in Verify by September 1, 2015.] See Enclosure 2, Section 3 of EPA Guidance letter CD-15-16 for additional information.

Thanks

Dave

To: Good, David[good.david@epa.gov]
Cc: Ex. 7 @vw.com]; Snyder, Jim[Snyder.Jim@epa.gov]; Ex. 7 Ex. 7 @vw.com]
From: Ex. 7 (EEO)
Sent: Thur 8/27/2015 5:27:04 PM
Subject: RE: 2016 Printed FE Guide - Data in EPA's database as of Aug 20, 2015 6AM is attached for your review; On Sept 2, 2015 I will send error free Verify data to DOE for the 2016 Printed Guide

Hi Dave;

Ex. 4 - CBI

Thanks,

Ex. 7

From: Good, David [mailto:good.david@epa.gov]
Sent: Wednesday, August 26, 2015 2:49 PM
To: Ex. 7 @vw.com>
Cc Ex. 7 @vw.com>; Snyder, Jim <Snyder.Jim@epa.gov>; Ex. 7 @vw.com>
Subject: RE: 2016 Printed FE Guide - Data in EPA's database as of Aug 20, 2015 6AM is attached for your review; On Sept 2, 2015 I will send error free Verify data to DOE for the 2016 Printed Guide

Ex. 7

Attached are the 2016 FE Guide data (where Index 100 uses the 2017 derived 5-cycle equation) and my edits to your 2016 placeholder file (FYI).

Ex. 4 - CBI

Let me know if you see any problems with my edits to your Placeholders.

Dave

From: [Ex. 7 @vw.com]
Sent: Wednesday, August 26, 2015 7:11 AM
To: Good, David
Cc: [Ex. 7]
Subject: RE: 2016 Printed FE Guide - Data in EPA's database as of Aug 20, 2015 6AM is attached for your review; On Sept 2, 2015 I will send error free Verify data to DOE for the 2016 Printed Guide

Hi Dave;

Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI

I have a place holder for the 2016 Audi A3 e-tron and A3 e-tron Ultra. Ex. 4 - CBI Ex. 4 - CBI I have attached the Excel spreadsheet with that place holder information. Please let me know if this spreadsheet will work for your purpose.

If you have any questions, please let me know.

Best regards,

Ex. 7

Ex. 7

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: Ex. 7

Fax:

mailto:

From: Good, David [mailto:good.david@epa.gov]
Sent: Friday, August 21, 2015 10:47 AM
To: Ex. 7 @vw.com>
Cc: Ex. 7 @vw.com>; Snyder, Jim <Snyder.Jim@epa.gov>
Subject: re: 2016 Printed FE Guide - Data in EPA's database as of Aug 20, 2015 6AM is attached for your review; On Sept 2, 2015 I will send error free Verify data to DOE for the 2016 Printed Guide

Ex. 7

re: 2016 Printed FE Guide - Data in EPA's database as of Aug 20, 2015 6AM is attached for your review; On Sept 2, 2015 I will send error free Verify data to DOE for the 2016 Printed Guide

Attached are the data in Verify as of August 20, 2015 6AM. Labels with pea green fill in the first few columns have errors which need to be corrected before I can have the data posted on www.fueleconomy.gov or included in the 2016 Printed Guide. Note that there are separate tabs for EV, PHEV, and fuel cell vehicles (if applicable). Please make any needed corrections to Verify when you get a chance. Please enter new data in Verify for any missing labels.

-

Printed Guide – For the 2016 Printed Guide, I will send all error-free data in Verify to DOE on September 2, 2015, regardless of release date. The data will not be released outside of EPA & DOE offices until the week of November 16, 2015, when 2016 Printed Guides are scheduled to be mailed to dealerships, libraries and credit unions, ref. EPA guidance letter CD-15-16, July 20, 2015. Please email me if there are data in Verify which you do not want included in the 2016 Printed Guide.

Next Web Update - The next normal posting of 2015 & 2016 FE Label data will be on August 25, 2015

(on a monthly schedule where I run the query on the 1st, 9th,15th and 23rd of the month) and send the data to DOE for posting on that day (or a day later). Again on September 2, 2015, I'll send the error-free data in Verify (which is releasable) to DOE to update www.fueleconomy.gov, business-as-usual.

Using the 2017 Derived 5-Cycle Equation for 2016MY Vehicles: If you are voluntarily using the 2017 derived 5-cycle equations for any 2016 model year vehicles, please send me the 2016 Index number(s) of the affected vehicles so I can build them into the macro. See EPA Guidance Letter CD-15-15, June 22, 2015 for additional information about the revised derived 5-cycle equation.

Placeholders for the 2016 Printed Guide are due to EPA on Aug 20, 2015: If you haven't already done so, please send me an Excel spreadsheet with any fuel cell vehicles, EVs, HEVs, PHEVs, FFVs and any other alternative fuel vehicles which won't be labeled in Verify by September 1, 2015. [Please don't include placeholder information for vehicles which are already in EPA's Verify database (or will be in Verify by September 1, 2015).] See Enclosure 2, Section 3 of EPA Guidance letter CD-15-16 for additional information about placeholders.

Reminders:

- Please double check the attached data in Verify for accuracy, missing labels, etc.
- September 1, 2015 is the last day to make changes for the 2016 Printed Guide.
- If you enter new label data into Verify before September 2, 2015, please double check it carefully for accuracy.

Please send me a short email when your 2016 FE Label data in Verify are "good to go."

Please send me your placeholder spreadsheet as soon as possible.

Thanks

Ex. 7

To: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Wed 8/12/2015 10:07:19 AM
Subject: voice message for Lamborghini

Thanks for the voice message Dave, Ex. 4 - CBI
Ex. 4 - CBI

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Wed 7/29/2015 6:34:37 PM
Subject: Confirmatory Test Thresholds/Cut Points

Hi Dave;

I thought that recently you told me that you were assigned the job of creating new threshold values for confirmatory testing. Are you making any progress toward establishing new cut points to replace these very old criteria?

Just wondering when we can expect new cut points. It seems now a days everything that is not confirmed by EPA must get manufacture's confirmatory tests, and we have test capacity problems so that some of our US confirmatory testing gets pushed aside by the factory labs to test vehicles for other countries.

Thanks,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
Cc: Good, David[good.david@epa.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]; Verify Help Desk[verifyhelp@csc.com]
From: Ex. 6
Sent: Wed 7/29/2015 1:14:37 PM
Subject: RE: Richard Thomas - Fw: Reactivation of 2016 Volkswagen Label Index #073 (HLP-6478)

Hello Mr. Thomas,

Thank you for the confirmation.

Ex. 6

Verify Help Desk
Staffed by Computer Sciences Corporation,
Contractor to the Environmental Protection Agency

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

"Thomas, Richard (EEO)"
<Richard.Thomas@vw.com>

07/29/2015 07:52 AM

To Verify Help Desk@CSC

cc "'Good.David@epamail.epa.gov'" <Good.David@epamail.epa.gov>, "Kata, Leonard (EEO)" <Leonard.Kata@vw.com>

Subject RE: Richard Thomas - Fw: Reactivation of 2016 Volkswagen Label Index #073 (HLP-6478)

Hi Ex. 6

I submitted this VGA index #073 again as new this morning with a release date of July 30th. It was accepted.

Thank you and best regards,
Richard

Richard E. Thomas
Senior Emission Certification Specialist
Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.
3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213
Fax: 248 754 4207
mailto: Richard.Thomas@VW.com

From: Ex. 6 **On Behalf Of** Verify Help Desk
Sent: Tuesday, July 28, 2015 7:06 PM
To: Thomas, Richard (EEO)
Cc: 'Good.David@epamail.epa.gov'; Kata, Leonard (EEO)
Subject: RE: Richard Thomas - Fw: Reactivation of 2016 Volkswagen Label Index #073 (HLP-6478)

Hello Mr. Thomas,

We have consulted with our EPA manager and would like you to submit this Model Type Index again as 'New'. Please let us know if you have any further question or issues. Ex. 6

Ex. 6

Verify Help Desk
Staffed by Computer Sciences Corporation,
Contractor to the Environmental Protection Agency

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

To Verify Help Desk@CSC

cc "'Good.David@epamail.epa.gov'" <Good.David@epamail.epa.gov>, "Kata, Leonard (EEO)" <Leonard.Kata@vw.com>

"Thomas, Richard (EEO)" <Richard.Thomas@vw.com>

Subject RE: Richard Thomas - Fw: Reactivation of 2016 Volkswagen Label Index #073 (HLP-6478)

07/28/2015 02:39 PM

Great, thank you Ex. 6

From: Ex. 6 **On Behalf Of** Verify Help Desk
Sent: Tuesday, July 28, 2015 2:37 PM
To: Thomas, Richard (EEO)
Cc: 'Good.David@epamail.epa.gov'; Kata, Leonard (EEO)
Subject: Re: Richard Thomas - Fw: Reactivation of 2016 Volkswagen Label Index #073 (HLP-6478)

Hello Mr. Thomas,

Verify help desk ticket HLP-6478 was opened for your inquiry. We will request EPA authorization to include this update in our next database updates release this Thursday, July 30.

Ex. 6

Verify Help Desk
Staffed by Computer Sciences Corporation,
Contractor to the Environmental Protection Agency

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

To verifyhelp@csc.com

cc

Subject Richard Thomas - Fw: Reactivation of 2016 Volkswagen Label Index #073

Ex. 6 **USA/CSC**

07/28/2015 02:31 PM

---- Forwarded by Vincent E Coleman/USA/CSC on 07/28/2015 02:30 PM -----

From: "Thomas, Richard (EEO)" <Richard.Thomas@vw.com>
To: Ex. 6 /USA/CSC@CSC

Cc: "'Good.David@epamail.epa.gov'" <Good.David@epamail.epa.gov>, "Kata, Leonard (EEO)" <Leonard.Kata@vw.com>
Date: 07/28/2015 02:11 PM
Subject: Reactivation of 2016 Volkswagen Label Index #073

Hello Ex. 6

I'm sorry to have to do this but one of the labels indexes we asked to make inactive will have to become active again. I talked to Dave Good who told me to contact the help desk to make that happen. It was VGA label index # 073 for the Jetta 1.8L manual 5-speed transmission. There was some miscommunication between our certification group and the marketing types in our corporate headquarters in Herndon Virginia.

Please make VGA index #073 active again, it can be immediately released for the guide. If you need me to do anything in the Verify labeling program please let me know.

Best regards,
Richard

Richard E. Thomas
Senior Emission Certification Specialist
Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326

Phone: 248 754 4213
Fax: 248 754 4207
mailto: Richard.Thomas@VW.com

To: Peavyhouse, Robert[Peavyhouse.Robert@epa.gov]
Cc: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Wed 7/29/2015 11:14:45 AM
Subject: New 5-cycle Calculator

Hello Bob,

We have had time to work with your new 5-cycle calculator and it seems to be in good order at least we found no discrepancies. We have a couple of suggestions with regard to the logging of data. Would it be possible to have a field included along with the test numbers to identify the vehicle (vehicle ID) and maybe the configuration number which would then be transferred to the data log? And, a long text field next to the vehicle ID to place manufacturer notes. The sheet is locked so that prevents us from wrapping text along several cells.

I think it would also be helpful to also log the calculated combined fuel economy values.

Our factory colleagues also liked the format from the original EPA 5-cycle calculator that showed all the values and approach (i.e.: D5C, V5C Std 3-Bag, M5C Std 3-Bag) calculated values on one screen before the values are logged on the second tab. That may be a bit more difficult to do at this point but I said I would ask.

Best regards,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Wed 7/22/2015 6:52:29 PM
Subject: RE: 2016 Passat 3.6L still on website [It's been pulled.] NNTO

Thank you very much Dave.

From: Good, David [mailto:good.david@epa.gov]
Sent: Wednesday, July 22, 2015 2:34 PM
To: Thomas, Richard (EEO)
Subject: RE: 2016 Passat 3.6L still on website [It's been pulled.] NNTO

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Wednesday, July 22, 2015 11:12 AM
To: Good, David
Subject: 2016 Passat 3.6L still on website

Hi Dave;

I just wanted to let you know that I check the fuel economy guide website and that 2016 Passat 3.6L (label index VGA #067) is still up. If you have time today, could you please follow up with the contractor to take it down until September.

Thanks,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
Cc: Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Mon 7/20/2015 5:20:17 PM
Subject: Release Date Change question

Hi Dave;

I was just informed by our marketing department that our face lifted Passat for 2016 will not be offered until later this year. I had already labeled the 2016 Passat equipped with the 3.6L VR6 gasoline engine. Which at that time had a release date of July 13th. So the model now appears on the guide website. Is it possible to change the release date now to September 23rd and not send the label VGA index #067 to the contractor on the next update? The marketing types would rather not have the Passat listed on the fuel economy guide website until it's market introduction. Let me know your thoughts. Perhaps you can give me a call on Tuesday.

Thanks,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
Cc: Good, David[good.david@epa.gov]
From: Ex. 6
Sent: Fri 7/17/2015 2:04:54 PM
Subject: RE: 2016 Inactive Fuel Economy Labels Volkswagen (HLP-6426)

Hello Mr. Thomas,

The database update has been completed. These 4 2016 fuel economy label model type indexes (010, 024, 073, 075) have been made inactive.

Ex. 6

Verify Help Desk
Staffed by Computer Sciences Corporation,
Contractor to the Environmental Protection Agency

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

To verifyhelp@csc.com

cc

Ex. 6 USA/CSC

Subject RE: 2016 Inactive Fuel Economy Labels Volkswagen Link

07/16/2015 12:28 PM

From: "Good, David" <good.david@epa.gov>
To: Ex. 6 USA/CSC@CSC
Cc: "Thomas, Richard (EEO)" <Richard.Thomas@vw.com>, "Danzeisen, Karen" <Danzeisen.Karen@epa.gov>
Date: 07/16/2015 09:12 AM
Subject: RE: 2016 Inactive Fuel Economy Labels Volkswagen

Ex. 6

I agree with Richard's request for two more labels----you have my approval to make those indexes inactive when you get a chance. That will make a total of 4 indexes to make inactive.

Thanks

Dave

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Thursday, July 16, 2015 8:56 AM
To: Ex. 6 @csc.com)
Cc: Good, David
Subject: 2016 Inactive Fuel Economy Labels Volkswagen

Hi Ex. 6

I have two more 2016 labels that need to change to inactive status in Verify. Volkswagen cancelled the manual 5-speed transmission for the 1.8L Jetta and 1.8L Passat, VGA label indexes #073 and #075 respectively. Please make these two 2016 label indexes inactive.

Best regards,
Richard

Richard E. Thomas
Senior Emission Certification Specialist
Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326

Phone: 248 754 4213
Fax: 248 754 4207
mailto: Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Thur 7/16/2015 11:13:17 AM
Subject: RE: 2016 FE Guide - Errors in Verify as of July 15, 2015; please have the Verify help desk delete (make inactive) 2016 Indexes 10 and 24

Hi Dave;

I have made the CO2 correction to index #076, and have requested of the Verify help desk, that the two Audi labels #010 and #024 be made inactive.

I also sent you an email about two Volkswagen models that were labeled but have now been cancelled. They are manual 5-speed transmission configurations of the 1.8L Jetta and 1.8L Passat, indexes #073 and #075 respectively. They however, have never been released for the guide. Let me know if I should also write to Verify help and have them made inactive also.

Best regards,

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Wednesday, July 15, 2015 5:56 PM
To: Thomas, Richard (EEO)
Cc: Snyder, Jim
Subject: Re: 2016 FE Guide - Errors in Verify as of July 15, 2015; please have the Verify help desk delete (make inactive) 2016 Indexes 10 and 24

Richard,

Re: 2016 FE Guide - Errors in Verify as of July 15, 2015

Attached are the data in Verify as of July 15, 2015. Labels with pea green fill in the first few columns have errors but which need to be corrected in Verify before I can have the data posted on

www.fueleconomy.gov. The errors are also highlighted in yellow fill in the column where the error occurred.

The next normal posting of 2015 & 2016 FE Label data will be on July 23, 2015 (on a monthly schedule where I run the query on the 1st, 9th,15th and 23rd of the month) and send the data to DOE for posting on that day (or a day later).

Please make any needed corrections to Verify when you get a chance.

Also, when you get a chance, please email the Verify help desk, and ask them to delete (make inactive) 2016 Indexes 10 and 24. Please cc me as I have to approve it.

Thanks

Dave

To: Ex. 6 @csc.com]
Cc: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Thur 7/16/2015 10:59:21 AM
Subject: 2016 Inactive Fuel Economy Labels Audi

Hello Ex. 6;

Please make the 2016 Volkswagen Group of America, Inc. (VGA) fuel economy labels for the normal wheel base 2016 Audi A8 indexes # 010 and #024 inactive, as these models will no longer be offered for 2016. EPA has already suppressed them from the fuel economy guide.

If you have any questions, please let me know.

Thanks,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
Cc: Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Mon 7/13/2015 11:36:58 AM
Subject: RE: 2016 FE Guide - Errors in Verify as of July 10, 2015...two Volkswagen Labels to be Suppressed

Hi Dave;

Thanks for this review. I made these minor corrections.

I have to suppress two more label indexes from the Guide, this time for Volkswagen models that I labeled only last week. I just learned they will not offer the manual 5-speed transmission in the 1.8L Passat and Jetta models for model year 2016. I have a very late release date in Verify for these two models but I think we should suppress these two models in Verify if you see a need for that. They are VGA Jetta index #073 and Passat #075.

Please let me know what you decide.

Thanks,

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Friday, July 10, 2015 5:16 PM
To: Thomas, Richard (EEO)
Cc: Snyder, Jim
Subject: Re: 2016 FE Guide - Errors in Verify as of July 10, 2015

Richard,

Re: 2016 FE Guide - Errors in Verify as of July 10, 2015

Attached are the data in Verify as of July 10, 2015. Labels with pea green fill in the first few columns have errors but which need to be corrected in Verify before I can have the data posted on www.fueleconomy.gov. The errors are also highlighted in yellow fill in the column where the error occurred.

The next normal posting of 2015 & 2016 FE Label data will be on July 15, 2015 (on a monthly schedule where I run the query on the 1st, 9th,15th and 23rd of the month) and send the data to DOE for posting on that day (or a day later).

Please make any needed corrections to Verify when you get a chance.

Thanks

Dave

To: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Fri 7/10/2015 10:18:03 AM
Subject: RE: 2016 Audi Labels to be Suppressed from Fuel Economy Guide

That will work for me, thanks.

From: Good, David [mailto:good.david@epa.gov]
Sent: Thursday, July 09, 2015 6:36 PM
To: Thomas, Richard (EEO)
Cc: Kata, Leonard (EEO)
Subject: RE: 2016 Audi Labels to be Suppressed from Fuel Economy Guide

Richard,

I didn't have time to run the FE Guide query. Will send you the data on Friday.

Dave

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Thursday, July 09, 2015 1:39 PM
To: Good, David
Cc: Kata, Leonard (EEO)
Subject: 2016 Audi Labels to be Suppressed from Fuel Economy Guide

Hi Dave;

Earlier this year we certified and labeling the normal wheel base (NWB) 2016 Audi A8 with both the 3.0L V6 and 4.0 V8 gasoline concepts. Audi of America has decided to only make the long wheel base Audi A8L available for ordering. Please suppress these two 2016 labels from the fuel economy guide, VGA indexes #010 and #024. If there is some action I must take in Verify please let me know.

Best regards,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Wed 6/24/2015 10:29:38 AM
Subject: RE: 2016 FE Guide - Errors in Verify as of June 23, 2015

Hi Dave;

I corrected index #040 GTI 2.0L. I had also noticed that the maximum ethanol usage rate of 15% was not listed on this audit for the Bentley 6.0L Continental models indexes: 028, 029, and 030 which I had made yesterday early morning. Your summary still has the 10% maximum value. I'm sure it will read correctly on the next audit.

Thanks,

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Tuesday, June 23, 2015 6:11 PM
To: Thomas, Richard (EEO)
Cc: Snyder, Jim
Subject: Re: 2016 FE Guide - Errors in Verify as of June 23, 2015

Richard,

Re: 2016 FE Guide - Errors in Verify as of June 23, 2015

Attached are the data in Verify as of June 23, 2015. Labels with pea green fill in the first few columns have errors but which need to be corrected in Verify before I can have the data posted on www.fueleconomy.gov. The errors are also highlighted in yellow fill in the column where the error occurred.

The next normal posting of 2015 & 2016 FE Label data will be on July 1, 2015 (on a monthly schedule where I run the query on the 1st, 9th,15th and 23rd of the month) and send the data to DOE for posting on

that day (or a day later).

Please make any needed corrections to Verify when you get a chance.

Thanks

Dave

From: Ex. 7 (EEO)
Location: Conf Call
Importance: Normal
Subject: CARB-EPA-VW Diesel Conf Call
Start Date/Time: Thur 9/17/2015 5:00:00 PM
End Date/Time: Thur 9/17/2015 7:00:00 PM

;;;;;;
;;;;;;

Good Morning,
Please see below for dial-in information. Conf ID is at the bottom.
Thanks

Ex. 7

EPA:
Byron Bunker
Linc Wehrly
Jim Snyder
CARB:

Ex. 7

Join Skype Meeting

This is an online meeting for Skype for Business, the professional meetings and communications app

formerly known as Lync.

Join by phone

+1 (248) 754-6400 (Auburn Hills) English (United States)
+1 (855) 858-8080 (Auburn Hills) English (United States)
+1 (248) 630-0170 (Auburn Hills) English (United States)
+1 (248) 754-5055 (Auburn Hills) English (United States)

Find a local number

Conference ID: Ex. 6

Forgot your dial-in PIN? | Help

From: Ex. 7 (EEO)
Location: Skype Meeting
Importance: Normal
Subject: Diesel Discussion
Start Date/Time: Fri 9/11/2015 5:00:00 PM
End Date/Time: Fri 9/11/2015 6:30:00 PM

;;;;;;
;;;;;;

Join Skype Meeting

This is an online meeting for Skype for Business, the professional meetings and communications app formerly known as Lync.

Join by phone

+1 (248) 754-6400 (Auburn Hills) English (United States)
+1 (855) 858-8080 (Auburn Hills) English (United States)
+1 (248) 630-0170 (Auburn Hills) English (United States)
+1 (248) 754-5055 (Auburn Hills) English (United States)

Find a local number

Conference ID: Non-Responsive

Forgot your dial-in PIN? | Help

From: Ex. 7
Location: Conf Call (El Monte) - RM. N-120 AA
Importance: Normal
Subject: VW CARB Conf Call (Pacific Time)
Start Date/Time: Thur 9/3/2015 7:00:00 PM
End Date/Time: Thur 9/3/2015 10:00:00 PM

;;;;;;;
;;;;;;;
--Please Note Pacific Time—
Ex. 7 asked for a conference line to be provided for the VW-CARB meeting scheduled for 3-Sept in El Monte 12-3pm Pacific time. Please call Ex. 6 if there are any difficulties with the line.
Thank you,
Ex. 7

Join Skype Meeting

This is an online meeting for Skype for Business, the professional meetings and communications app formerly known as Lync.

Join by phone

+1 (248) 754-6400 (Auburn Hills) English (United States)
+1 (855) 858-8080 (Auburn Hills) English (United States)
+1 (248) 630-0170 (Auburn Hills) English (United States)
+1 (248) 754-5055 (Auburn Hills) English (United States)
Find a local number
Conference ID: Non-Responsive
Forgot your dial-in PIN? | Help

To: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Thur 6/11/2015 1:18:53 PM
Subject: RE: 2016 FE Guide - data as of 6/9/2015 10 AM attached

Thank you Dave, great.

From: Good, David [mailto:good.david@epa.gov]
Sent: Thursday, June 11, 2015 9:07 AM
To: Thomas, Richard (EEO)
Subject: RE: 2016 FE Guide - data as of 6/9/2015 10 AM attached

Richard,

Here you go. The macro didn't pick up any errors.

Dave

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Thursday, June 11, 2015 7:38 AM
To: Good, David
Subject: RE: 2016 FE Guide - data as of 6/9/2015 10 AM attached

Thanks Dave;

This all looks good. I labeled about 16 more model types (including two Volkswagen models) after you ran this latest report. I don't think I will be doing anymore today. So, if you could run your fuel economy audit again for the 2016 VWGoA labeling program I can be sure there are no errors to be fixed.

I will be out this afternoon, tomorrow and Monday but will have my job PC and able to work from home if need be.

Thanks,

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Wednesday, June 10, 2015 1:48 PM
To: Thomas, Richard (EEO)
Subject: 2016 FE Guide - data as of 6/9/2015 10 AM attached

Richard,

Here you go.

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Tue 6/9/2015 11:57:41 AM
Subject: Received Certificates

Hi Jim;

We received certificates for two Audi Test Groups last night enabling me to label nine 2016 Audi models in the Verify fuel economy labeling program.

We are approaching the 2016 Audi model launch and this was very helpful, thanks for your attention. We have a few more pressing test groups and Bill will send you a priority list for your consideration.

Best regards,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Fri 6/5/2015 9:48:16 AM
Subject: RE: Voluntary use the 3-Cycle Label method;

Thanks Dave.

From: Good, David [mailto:good.david@epa.gov]
Sent: Thursday, June 04, 2015 2:51 PM
To: Thomas, Richard (EEO)
Cc: Johnson, Stuart (EEO); Snyder, Jim; French, Roberts
Subject: Voluntary use the 3-Cycle Label method;

Richard,

As we discussed last week, EPA fuel economy regulations (and EPA policy) don't allow manufacturers to voluntarily use the 3-cycle method to calculate FE Labels when data from the test group passed the Litmus test. [The provisions of 40 CFR 600.210-12(a) and EPA guidance letter CISD-10-04 allow manufacturers to voluntarily use the vehicle specific 5-cycle method, but are silent with regard to voluntarily using the 3-cycle method.]

VW:

Test Group: FVGAV01.4VPA (Jetta Hybrid), Highway Litmus = +11.55%

FE Tests (tests used for EDV as well): DVWX10023353 (57.5 unadjusted mpg for FTP), DVWX91001606 (65.5 unadjusted mpg for HWY), DVWX10023355 (43.5 unadjusted mpg for US06)

The 2015 Jetta Hybrid Label calculated using the 3-cycle method is 42/48/45 mpg.

The 2015 Jetta Hybrid Label calculated using the 2-cycle method would have been 42/46/44 mpg (according to my calculations).

As we discussed on 5/22/2015, using the 3-cycle method is OK for the 2015MY Jetta Hybrid.

However for 2016MY, if the fuel economy data and the litmus test data are carried over to 2016MY, please don't use the 3-cycle method for the FE Label calculations for the 2016MY Jetta Hybrid.

Similarly, in the future, please don't voluntarily use the 3-cycle method for other vehicles with passing Litmus test results.

Thanks

To: Good, David[good.david@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Thomas, Richard (EEO)
Sent: Thur 6/4/2015 10:37:04 AM
Subject: RE: 2016 FE Guide - Errors in Verify as of June 3, 2015

Thanks Dave, I made the correction to index # 027 and the fuel economy rating. For your information I added three 2016 6.0L Bentley Continental models yesterday afternoon.

I have a whole host of 1.8L, 2.0L and 3.0L Audi fuel economy labels waiting upon the issuance of the certificates in six test groups.

Best regards,

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Wednesday, June 03, 2015 2:32 PM
To: Thomas, Richard (EEO)
Cc: Snyder, Jim
Subject: Re: 2016 FE Guide - Errors in Verify as of June 3, 2015

Richard,

Re: 2016 FE Guide - Errors in Verify as of June 3, 2015

Attached are the data in Verify as of June 3, 2015. Labels with pea green fill in the first few columns have errors but which need to be corrected in Verify before I can have the data posted on www.fueleconomy.gov. The errors are also highlighted in yellow fill in the column where the error occurred.

The next normal posting of 2015 & 2016 FE Label data will be on June 9, 2015 (on a monthly schedule where I run the query on the 1st, 9th,15th and 23rd of the month) and send the data to DOE for posting on that day (or a day later).

Please make any needed corrections to Verify when you get a chance.

Thanks

Dave

To: Good, David[good.david@epa.gov]
Cc: Anderson, Tom[Anderson.Tom@epa.gov]
From: Kata, Leonard (EEO)
Sent: Thur 5/28/2015 9:15:44 PM
Subject: RE: USEAP/Volkswagen Meeting - Tier 3 Implementation

Hi Dave:

As noted below, I re-sent the draft report and revised presentation slides to EPA for review and comment with my August 18, 2014 e-mail. I do not believe that I received an EPA response to the open points or requests for confirmation after this date, so the report remains as distributed last August.

Best regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

Fax: (248) 754-4207

E-Mail: leonard.kata@vw.com

From: Good, David [mailto:good.david@epa.gov]
Sent: Friday, May 22, 2015 2:04 PM
To: Kata, Leonard (EEO)
Cc: Anderson, Tom
Subject: FW: USEAP/Volkswagen Meeting - Tier 3 Implementation
Importance: High

Len,

Tom Anderson & I are putting together a Tier 3 Q& A document that EPA will share with the Industry.

Do you have a final version of the minutes to VW's Tier 3 meetings with EPA staff last summer---- that I can glean some Q&A's for the EPA Tier 3 guidance document?

I won't use and of the Q&A's that are specific to VW's certification & carryover plans, etc.

Thanks

Dave

From: Kata, Leonard (EEO) [mailto:Leonard.Kata@vw.com]
Sent: Monday, August 18, 2014 3:17 PM
To: Olechiw, Michael; Passavant, Glenn; Fernandez, Antonio; Wysor, Tad; Stout, Alan; Good, David; Snyder, Jim; Wright, DavidA; Laroo, Chris
Subject: RE: USEAP/Volkswagen Meeting - Tier 3 Implementation
Importance: High

To all:

Please see the e-mail from July 18, 2014 below. It distributed a draft meeting report from the July 16, 2014 USEPA/VW Group meeting on Tier 3 implementation.

Your reaction to our summary of the meeting would be appreciated. There were also a few open points that EPA was going to check. For the most part, the open points are contained in Agenda item 8 covering LEV III Certification and Carryover to Tier 3. Please see the bold-print items in the "Follow-Up Action" column of the report. I have attached copies of the report and the revised version of the carryover slides, distributed with my earlier e-mail, for your convenience.

We would appreciate your input so that we are able to close the open points.

Best regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

E-Mail: leonard.kata@vw.com

From: Kata, Leonard (EEO)
Sent: Friday, July 18, 2014 11:26 AM
To: Michael Olechiw (Olechiw.Michael@epamail.epa.gov); Glenn Passavant/AA/USEPA/US (Passavant.Glenn@epamail.epa.gov); Antonio Fernandez/AA/USEPA/US (Fernandez.Antonio@epamail.epa.gov); wysor.tad@epa.gov; Alan Stout/AA/USEPA/US (Stout.Alan@epamail.epa.gov); David Good (Good.David@epamail.epa.gov); Snyder.jim@Epa.gov; Wright, DavidA (Wright.DavidA@epa.gov); 'Laroo.chris@Epa.gov'
Cc: Schmidt, Oliver (EEO); Johnson, Stuart; Sigelko, Jenny (EEO); Rech, Lothar (I/EA-523) (Lothar.Rech@AUDI.DE); Stang, Carsten (N/EA-521); Schlueter, Hannah (EASZ/1); Kuntze, Aron (EXTERN: IAV GmbH); Horton, Garett (VWGoA Imp); Rodgers, William; Giles, Michael (EEO); Allen, Gregory (EEO); Peter, Juergen (EASZ/1) (juergen.peter@volkswagen.de); Tamborra, Nick (Nick.Tamborra@vw.com)
Subject: USEAP/Volkswagen Meeting - Tier 3 Implementation

To all:

On July 16, 2014, representatives from the Volkswagen Group met with EPA staff to discuss topics related to the implementation of the Tier 3 requirements. Copies of the presentation materials were distributed by e-mail on July 15, 2014. Subsequent to the meeting, Volkswagen prepared a meeting report. It presents a brief discussion and conclusions drawn for each of the agenda topics. It also points out areas where further action is required and/or EPA confirmation is requested (specified in bold typeface).

We would particularly like to direct EPA's attention to Agenda Item 8, LEV III Certification and Carryover to Tier 3. A revised version of the slides for this item is attached. The revisions are shown in red. Slide 7 from the original deck addressed the topic of Tier 3 Evap. This is not included in the new deck since we agreed on the information presented and do not believe that further discussion is required. Slides 6 and 7 of the new deck address the topic of applicable test procedures and carryover implications. The new Slide 7 presents Volkswagen's understanding of the EPA explanation from the meeting regarding the test procedures that apply to various vehicle concepts, assuming that the concepts are "carried over" through their lifespan. The test procedures referred to as Part 1066 Stage 1 and Stage 2, are as described on the new Slide 6. Slides 8 and 9 are included for reference.

Volkswagen appreciates the opportunity to meet with you, and looks forward to your comments on the report.

Best regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

E-Mail: leonard.kata@vw.com

To: Good, David[good.david@epa.gov]
From: Kata, Leonard (EEO)
Sent: Fri 5/22/2015 6:05:29 PM
Subject: Automatic reply: USEAP/Volkswagen Meeting - Tier 3 Implementation

I am currently away until Tuesday, May 26, 2015.

Leonard W. Kata, Senior Manager

Emission Regulations and Certification

To: Good, David[good.david@epa.gov]; Peavyhouse, Robert[Peavyhouse.Robert@epa.gov]
Cc: richard.thomas@vw.com[richard.thomas@vw.com]
From: French, Roberts
Sent: Fri 5/8/2015 3:33:35 PM
Subject: RE: New 5-Cycle Calculator

Richard,

If you look at the tabs labeled "City Regression" and "Highway Regression" in my spreadsheet that should have been sent to you, you will see current and new litmus threshold values. In general if you passed before, you will pass with the new values, because the new thresholds are generally below the current ones. It is unlikely that the new curves will result in more litmus failures.

It would be easy to add a vehicle-specific litmus determination to my spreadsheet (I have it in my own version). Let me know if that would help.

Rob

Roberts W. French, Jr.

U.S. Environmental Protection Agency

National Vehicle and Fuel Emissions Laboratory

2000 Traverwood Drive

Ann Arbor, Michigan 48105

(734) 214-4380

From: Good, David
Sent: Friday, May 08, 2015 11:06 AM
To: Peavyhouse, Robert; French, Roberts
Cc: richard.thomas@vw.com

Subject: FW: New 5-Cycle Calculator

Bob,

I talked to Richard this morning and he is wondering if you have a new comprehensive 5-cycle calculator (2-cycle, 3-cycle 5-cycle litmus calcs, etc) using the revised derived 5-cycle equation---- similar to the attached calculator.

Richard has the spreadsheet that Rob sent to the Alliance, but needs to figure out if his vehicles still pass the litmus test with the new derived 5-cycle equation.

Richard----please add anything that I may have missed.

Thanks

Dave

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Friday, May 08, 2015 8:58 AM
To: Good, David
Subject: New 5-Cycle Calculator

Hi Dave;

As we discussed on the phone I would like to obtain a copy of the new EPA 5-cycle calculator that we use to calculated configuration data for our labeling program. I understand that you might have a draft copy of the EPA calculator before the manufacturer guidance letter is issued. It would speed up our evaluation of the affects upon our model labels. In particular the Litmus test and that may well have a greater affect upon our testing burden.

Thanks,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Fri 5/8/2015 12:57:33 PM
Subject: New 5-Cycle Calculator

Hi Dave;

As we discussed on the phone I would like to obtain a copy of the new EPA 5-cycle calculator that we use to calculated configuration data for our labeling program. I understand that you might have a draft copy of the EPA calculator before the manufacturer guidance letter is issued. It would speed up our evaluation of the affects upon our model labels. In particular the Litmus test and that may well have a greater affect upon our testing burden.

Thanks,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Geanacopoulos.David@vw.com[Geanacopoulos.David@vw.com];
Ex. 7 @vw.com]
Cc: Brooks, Phillip[Brooks.Phillip@epa.gov]; Werner, Jacqueline[Werner.Jacqueline@epa.gov]; Belser, Evan[Belser.Evan@epa.gov]; stuart.drake@kirkland.com[stuart.drake@kirkland.com]
From: Kaul, Meetu
Sent: Fri 9/18/2015 2:16:39 PM
Subject: Notice of Violation
VW NOV Final Executed 09-18-15.pdf

Mr. Geanacopoulous and **Ex. 7**

Per your conversation this morning with Mr. Brooks and others, attached please find EPA's Notice of Violation issued today.

Please contact me with any questions.

Regards,

Meetu Kaul

Ms.Meetu Kaul, Attorney-Advisor

National Marine Enforcement Coordinator
United States Environmental Protection Agency
Office of Civil Enforcement - Air Enforcement Division
WJC South, Room 1117B
1200 Pennsylvania Ave., N.W. (MC 2242A)
Washington D.C. 20460 (Courier 20004)
Direct: 202-564-5472
Fax: 202-564-0069
Email: kaul.meetu@epa.gov

To: Bunker, Byron[bunker.byron@epa.gov]; Wehrly, Linc[wehrly.linc@epa.gov]; Snyder, Jim[Snyder.Jim@epa.gov]; Ex. 7 @ARB Ex. 7 @arb.ca.gov]; Ex. 7 Ex. 7 @ARB Ex. 7 @arb.ca.gov]; Ex. 7 @ARB Ex. 7 @arb.ca.gov]
Cc: Ex. 7 @vw.com]
From: Ex. 7 (EEO)
Sent: Wed 9/23/2015 6:32:35 PM
Subject: 2016 MY Update

Hello,

Just an update that the testing of the 4K vehicle with the updated software has been completed. We expect to receive the test information tomorrow and we will immediately start to enter information into the respective verify and e-cert systems.

I will be on vacation September 24 – 28. Please communicate with Ex. 7 and his team regarding any questions on the 2016 MY certification. I've cc'ed Ex. 7 on this email. I am available by phone September 24th and September 28th but will not be available September 25 – 27.

Thank you all,

Ex. 7

Ex. 7

Engineering and Environmental Office

Volkswagen Group of America

Ex. 7 office

cell

To: Bunker, Byron[bunker.byron@epa.gov]; Wehrly, Linc[wehrly.linc@epa.gov]
From: Ex. 7 (EEO)
Sent: Wed 9/23/2015 2:47:24 PM
Subject: RE: 2015 My Inventory Update

Hello Byron and Linc,

I want to stress here that there is no intentional action to deceive you on these 2015 MY volumes. These vehicles are in the hands of dealers, so from the company perspective they are sold – they have been wholesaled to the dealer network. Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI

Once again I apologize. I don't always have every number and sales inventory volumes available to me. Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI I think you know this is the nature of a large business with way too many people involved in an issue.

The numbers below are accurate. The vehicles are not in ports but with dealers. Ex. 4 - CBI

Ex. 4 - CBI

I take my personal integrity and my reputation very seriously and hope you know I am giving you honest answers with the information that is available to me.

Hope this helps. Byron, I know you are traveling but when you have time please give me a call.

Thank you,

Ex. 7

From: Ex. 7 (EEO)
Sent: Tuesday, September 22, 2015 4:46 PM
To: bunker.byron@epa.gov; wehrly.linc@epa.gov
Subject: 2015 My Inventory

Hello Byron and Linc,

I requested actual 2015 MY numbers after our conversation:

Volkswagen:

Ex. 4 - CBI

Audi:

Ex. 4 - CBI

Ex. 4 - CBI

My apologies. I sent your message about credibility back to my management.

Ex. 7

To: Bunker, Byron[bunker.byron@epa.gov]
From: Ex. 7 (EEO)
Sent: Fri 9/18/2015 8:09:31 PM
Subject: Press Information

Hello Byron,

If you do revise or try to clarify any messages to the public can you also forward to me?

Thanks,

Ex. 7

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
Cc: Hopson, Janet L.[hopsonjl@ornl.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Good, David
Sent: Mon 9/14/2015 3:38:10 PM
Subject: RE: Fuel Economy Guide Website - 2016 Model Types - Questions about the website

Richard,

DOE hasn't begun using the 2016 average mpg, electricity costs, etc. yet----because all previous model year vehicles are compared to this value, etc. They will change over to the 2016 fuel costs, etc in the late fall or early in 2016 calendar year.

Dave

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Thursday, September 10, 2015 7:42 AM
To: Good, David
Cc: Hopson, Janet L.; Kata, Leonard (EEO)
Subject: Fuel Economy Guide Website - 2016 Model Types

Hi Dave;

I know you are on vacation this week but thought I would send this out before I forget. I was

Ex. 4 - CBI

Ex. 4 - CBI

Best regards,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Good, David
Sent: Tue 9/1/2015 3:22:17 PM
Subject: RE: 5250 ETW cut point Standard SUVS

Richard,

5250 ETW truck cut points = 21.7 mpg city, 32.2 mpg hwy.

Standard SUV non-hybrid vehicle, non-diesel class leader cut points = 26.0 city, 38.8 hwy.

Dave

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Tuesday, September 01, 2015 10:58 AM
To: Good, David
Subject: 5250 ETW cut point Standard SUVS

Hi Dave;

I thought I better not bother you with a phone call, but I was wondering if you can provide the new cut point for a 5250 lbs ETW, for a Standard Sport Utility Vehicle that is in your draft list and yet to be issued. Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI You said that we may see the official notice with new cut pints this week.

Thanks,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Bunker, Byron[bunker.byron@epa.gov]
From: Ex. 7 (EEO)
Sent: Wed 9/16/2015 12:48:29 PM
Subject: Test Status

Hello Byron,

Got you voice mail. Still waiting for a response from Germany. I pinged them again this morning for a status. I'll let you know as soon as I hear…

To: Bunker, Byron[bunker.byron@epa.gov]
From: Veldten, Burkhard (EAEF/4)
Sent: Fri 9/11/2015 5:17:41 PM
Subject: Automatic reply: New call in number

Ich bin bis zum 25.09. nicht im Haus.Ich bin auf meinem Handy unter Ex. 6
erreichbar. Es vertritt mich Holger Loof Tel.4 Ex. 6
MfG Burkhard Veldten

To: Bunker, Byron[bunker.byron@epa.gov]; Wehrly, Linc[wehrly.linc@epa.gov]; Snyder, Jim[Snyder.Jim@epa.gov]
From: Ex. 7 (EEO)
Sent: Fri 9/11/2015 1:21:35 PM
Subject: Meeting at 1:00

Hello Guys,

I am planning to come out to your office this afternoon for the meeting today.

If that doesn't work for you, please let me know.

Thanks,

Ex. 7

To: Bunker, Byron[bunker.byron@epa.gov]
From: Ex. 7 (EEO)
Sent: Wed 9/9/2015 8:04:24 PM
Subject: Gen 1

Hello Byron,

Still working on a Gen 1 discussion. If you want to talk more at the end of the day call my cell.
Ex. 6

To: Bunker, Byron[bunker.byron@epa.gov]
Cc: Wehrly, Linc[wehrly.linc@epa.gov]
From: Ex. 7 (EEO)
Sent: Mon 8/24/2015 4:45:35 PM
Subject: RE: Emailing: 20150817_QA_CARB_Special Cycle_GenIII_Zusammmenfassung_Kuz_V04_Thorsten_1.pptx

Hello Byron,

My schedule is pretty open this week so let me know. Next week will work as well.

Talk to you soon,

Ex. 7

From: Bunker, Byron [mailto:bunker.byron@epa.gov]
Sent: Monday, August 24, 2015 12:43 PM
To: Ex. 7 (EEO)
Cc: Wehrly, Linc
Subject: Re: Emailing: 20150817_QA_CARB_Special Cycle_GenIII_Zusammmenfassung_Kuz_V04_Thorsten_1.pptx

Thanks Ex. 7 Ex. 6 I am going to need to come into the office some but I don't know yet when. Linc or I will follow up later if it makes sense to get together this week. I might prefer to wait until next week.

Thanks,

Byron

Byron Bunker

US EPA

NVFEL Office Phone (734) 214-4155

DC Office Phone (202) 343-9283

Cell Phone (734) 353-9623

Sent from my cell phone.

On Aug 24, 2015, at 11:38 AM, Ex. 7 @vw.com> wrote:

Hello Byron and Linc,

Ex. 4 - CBI

If you would like me to come in and explain further I am willing to do that.

Let me know what you would like to do,

Ex. 7

Ex. 4 - CBI

To: Bunker, Byron[bunker.byron@epa.gov]; Wehrly, Linc[wehrly.linc@epa.gov]
From: Ex. 7 (EEO)
Sent: Mon 8/24/2015 3:38:33 PM
Subject: FW: Ex. 4 - CBI
Ex. 4 - CBI

Ex. 4 - CBI

Hello Byron and Linc,

Here are the slides we used for the meeting with CARB last week. Ex. 4 - CBI

Ex. 4 - CBI

If you would like me to come in and explain further I am willing to do that.

Let me know what you would like to do,

Ex. 7

To: Ex. 7 @vw.com]
From: Bunker, Byron
Sent: Fri 9/18/2015 8:14:33 PM
Subject: RE: Press Information

Here is the change we made. We added/redid this answer on our webpage to try to address the recall questions.

Is EPA officially requiring Volkswagen to issue a recall now?

No. EPA expects to compel VW to issue a recall in the future to reduce the emissions impacts of these vehicles. Owners will be notified of that recall once Volkswagen and Audi have developed a remedial plan and EPA has approved the plan. Manufacturers are given a reasonable amount of time to develop a plan to complete the repairs, including both the repair procedure and manufacture of any needed parts. Depending on the complexity of the repair and the lead time needed to obtain the necessary components, it could take up to one year to identify corrective actions, develop a recall plan, and issue recall notices

****

Byron Bunker

Director Compliance Division

Office of Transportation and Air Quality

Environmental Protection Agency

2000 Traverwood Drive

Ann Arbor, MI 48105

Bunker.Byron@epa.gov

Phone: (734) 214-4155

Mobile: Ex. 6

****

From: Ex. 7 @vw.com]
Sent: Friday, September 18, 2015 4:10 PM
To: Bunker, Byron

Subject: Press Information

Hello Byron,

If you do revise or try to clarify any messages to the public can you also forward to me?

Thanks,

Ex. 7

To: Ex. 7 @vw.com]
From: Bunker, Byron
Sent: Thur 9/17/2015 6:02:17 PM
Subject: Can you give me a call as soon as practical?

Thanks. Byron

****

Byron Bunker

Director Compliance Division

Office of Transportation and Air Quality

Environmental Protection Agency

2000 Traverwood Drive

Ann Arbor, MI 48105

Bunker.Byron@epa.gov

Phone: (734) 214-4155

Mobile: Ex. 6

****

From: Bunker, Byron
Location: Conf Call
Importance: Normal
Subject: Accepted: CARB-EPA-VW Diesel Conf Call
Start Date/Time: Thur 9/17/2015 5:00:00 PM
End Date/Time: Thur 9/17/2015 7:00:00 PM

To: Ex. 7 @vw.com]
From: Bunker, Byron
Sent: Thur 9/10/2015 1:17:13 PM
Subject: Can you give me a call when you have a minute?

Hi Ex. 7

When you have a minute, can you give me a call?

Thanks,

Byron

****

Byron Bunker

Director Compliance Division

Office of Transportation and Air Quality

Environmental Protection Agency

2000 Traverwood Drive

Ann Arbor, MI 48105

Bunker.Byron@epa.gov

Phone: (734) 214-4155

Mobile: Ex. 6

****

From: Bunker, Byron
Location: Conf Call (El Monte)
Importance: Normal
Subject: Accepted: VW CARB Conf Call (Pacific Time)
Start Date/Time: Thur 9/3/2015 7:00:00 PM
End Date/Time: Thur 9/3/2015 10:00:00 PM

To: Ex. 7 @vw.com]
Cc: Wehrly, Linc[wehrly.linc@epa.gov]
From: Bunker, Byron
Sent: Fri 8/21/2015 12:15:22 PM
Subject: Time to talk today?

Hi Ex. 7

If you can spare 20 minutes today, I would like to follow up on a conversation that you had with Linc. My calendar is mostly open today with only a few internal meetings. Please let me know if there is a convenient time to talk, and I will give you a call.

Thanks,

Byron

****

Byron Bunker

Director Compliance Division

Office of Transportation and Air Quality

Environmental Protection Agency

2000 Traverwood Drive

Ann Arbor, MI 48105

Bunker.Byron@epa.gov

Phone: (734) 214-4155

Mobile: Ex. 6

****

From: Ex. 7 @vw.com]
Sent: Wednesday, March 06, 2013 11:13 AM
To: Bunker, Byron
Subject: Fuel Economy Testing Correlation

Hello Byron,

Hey, I just wanted to say thanks for the conversation we had concerning fuel economy testing. I've continued to think about it and wanted to make an additional point that maybe wasn't so clear during the discussion.

Ex. 4 - CBI

Ex. 4 - CBI

Hope that helps if you have further internal discussions.

Thanks again,

Ex. 7

Ex. 4 - CBI

To: Pidgeon, Bill[pidgeon.bill@epa.gov]
From: Glas, Tobias
Sent: Wed 5/6/2015 6:00:32 PM
Subject: RE: Wednesday Meeting

Hi Bill,

The car was rejected because of the time range. DO you know why?

Vehicle Process Code : C
EPA Manufacturer Code : VWX
Vehicle Identification Number Text : Ex. 6
Emission Program Identifier : IUVE
Test Group Name : DVWXV02.5U3A
Evaporative Refueling Family Name : DVWXR0110238
Model Year : 2013
Engine Displacement Value : 2.48
Manufacturer Division Code : 1
Carline Code : 221
Division Make Name : VW
Carline Name : Jetta
Trim Level Text : Jetta
Vehicle Model Name : Jetta
Vehicle Procured Sales Area Identifier : FA
Vehicle Procured State Identifier : MI
Vehicle Procured Altitude Indicator : L
Vehicle Procured Climate Indicator : C
Mileage Category Indicator : L
Seventy Five Percent Useful Life Indicator : N
Odometer Start Value : 45218
Transmission Type Identifier : A
Transmission Lockup Indicator : N
Transmission Creeper Gear Indicator : N
Transmission Gear Count : 6
Tire Size Text : 205/55 R16
Axle Ratio Value : 3.5
Engine Code Text : CBTA
Equivalent Test Weight Value : 3500
Vehicle Inspection Date : 20150204
Vehicle Built Date : 20120727
Visual Malfunction Light Indicator : N
Commanded Malfunction Light Indicator : N

Active Trouble Code Indicator : N
Readiness Status Complete Indicator : Y
Mileage SinceOBD Leak Check Measure : 1
Vehicle Rejection Code : 0
Air Aspiration Method Identifier : NA
In Use Test Drive Code : 3
Vehicle Comment Text : Leak check = 1 work around according to Verify Help Desk Car has 55K miles but is supposed to be Low Mileage. We did not receive response for a real Low Mileage car so we tested this car and submitted it as Low Mileage with Low Mileage Standards, which are passed.
Transaction Status Details

Transaction Status Identifier : REJECTED
Transaction Message Text : IV-BR24 - IUVP Vehicle Information can only be accepted within the allowed time range of submissions for the Model Year (IV-8) and Mileage Category (IV-20).

From: Pidgeon, Bill [mailto:pidgeon.bill@epa.gov]
Sent: Tuesday, May 05, 2015 8:36 AM
To: Glas, Tobias
Subject: RE: Wednesday Meeting

Hi Tobias – they are open through Fri.

Best wishes,

Bill

****

William M. Pidgeon
Mechanical Engineer
U.S. Environmental Protection Agency
Compliance Division, N69
2000 Traverwood Drive
Ann Arbor, MI 48105-2195
pidgeon.bill@epa.gov

Phone: 734-214-4416
Fax: 734-214-4869

From: Glas, Tobias [mailto:Tobias.Glas@vw.com]
Sent: Tuesday, May 05, 2015 7:48 AM
To: Pidgeon, Bill
Subject: FW: Wednesday Meeting

Hi Bill,

As mentioned last week I still have 3 cars to submit. Can you please open CDX this week Wednesday through Friday?

Thank you

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

To: Pidgeon, Bill[pidgeon.bill@epa.gov]; Snyder, Jim[Snyder.Jim@epa.gov]
From: Glas, Tobias
Sent: Wed 5/6/2015 3:15:34 PM
Subject: My 09 High Mileage
Verify_Second.docx

Hi Bill, hi Jim,

I just submitted a My 09 High Mileage car.

The car was submitted first with 83K miles last year and now I submitted it now with 105K miles.

We didn't find any other car with 105Kand I think it is fair game because we have over 20K miles between the test, so better test this than no car.

Of course CDX didn't accept the same VIN but accepted the test results, see attachement.

Please let me know if I should change something or if that is ok because all results should be in the system.

Best regards

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

To: Glas, Tobias[Tobias.Glas@vw.com]
From: Pidgeon, Bill
Sent: Tue 5/5/2015 12:35:52 PM
Subject: RE: Wednesday Meeting

Hi Tobias – they are open through Fri.

Best wishes,

Bill

****

William M. Pidgeon
Mechanical Engineer
U.S. Environmental Protection Agency
Compliance Division, N69
2000 Traverwood Drive
Ann Arbor, MI 48105-2195
pidgeon.bill@epa.gov

Phone: 734-214-4416
Fax: 734-214-4869

From: Glas, Tobias [mailto:Tobias.Glas@vw.com]
Sent: Tuesday, May 05, 2015 7:48 AM
To: Pidgeon, Bill
Subject: FW: Wednesday Meeting

Hi Bill,

As mentioned last week I still have 3 cars to submit. Can you please open CDX this week Wednesday through Friday?

Thank you

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Snyder, Jim
Required Attendees: Wehrly, Linc; Wright, DavidA; Ball, Joel; Dalton, Joel; Pidgeon, Bill; Kata, Leonard (EEO)
Location: AA-Room-Office-C126-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: VW SIL light shift schedule survey and test drive.
Start Date/Time: Wed 5/13/2015 1:00:00 PM
End Date/Time: Wed 5/13/2015 2:00:00 PM

VW will present results of SIL survey on their new 1.4L manual along with a vehicle to test drive the SIL.

From: Ex. 7 (EEO)
Location: Conf Call
Importance: Normal
Subject: CARB-EPA-VW Diesel Conf Call
Start Date/Time: Thur 9/17/2015 5:00:00 PM
End Date/Time: Thur 9/17/2015 7:00:00 PM

;;;;;;
;;;;;;

Good Morning,
Please see below for dial-in information. Conf ID is at the bottom.
Thanks

Ex. 7

EPA:
Byron Bunker
Linc Wehrly
Jim Snyder
CARB:

Ex. 7

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formerly known as Lync.

Join by phone

+1 (248) 754-6400 (Auburn Hills) English (United States)
+1 (855) 858-8080 (Auburn Hills) English (United States)
+1 (248) 630-0170 (Auburn Hills) English (United States)
+1 (248) 754-5055 (Auburn Hills) English (United States)

Find a local number

Conference ID: Ex. 6

Forgot your dial-in PIN? | Help

From: Snyder, Jim
Required Attendees: McBryde, Dan; Smithson, Arlene; Wright, DavidA; Giles, Michael (EEO); Sigelko, Jenny (EEO); Horton, Garett (VWGoA Imp); Schlueter, Hannah (EASZ/1); Kata, Leonard (EEO)
Location: AA-Room-Office-N125-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: Audi A3 e-tron PHEV Testing at EPA
Start Date/Time: Tue 8/11/2015 5:00:00 PM
End Date/Time: Tue 8/11/2015 6:00:00 PM

Audi is hoping to get their vehicle scheduled for week of 8/31, **Ex. 4 - CBI**
Ex. 4 - CBI

To all:

On August 4, 2015, representatives from Volkswagen Group of America, Inc. (VWGoA) had a brief telephone conversation with EPA, which included discussion of certification of the 2016 model year Audi A3 e-tron plug-in hybrid vehicle. At that time, VWGoA informed EPA that confirmatory testing of this concept could begin the week of August 31, 2015, (assuming that the agency will request confirmatory testing at the EPA laboratory). A definite test date will not be established until submission of the test request.

EPA requested a meeting to provide the agency with information regarding vehicle technology, operating characteristics, and information concerning test considerations. In light of the short lead-time before the projected test date, we prefer to conduct this meeting as soon as possible.

Based on my notes from the recent telephone conference, I have listed the following discussion points:

- Coordination with the EPA Laboratory Branch, of the charging box; including necessary hardware, wiring, operation and so on.
- Vehicle operation strategy and function (e.g., blended mode, early engine start)
- Data handling
- Energy calculations
- Other

EPA informed VWGoA that PHEV testing can be completed quickly (within two weeks), but since the process is a long string of testing, it can take a longer period if something goes wrong (up to six weeks). Thus, the importance of having this discussion. As stated, the discussion would be by telephone. Call-in details are shown below.

@Jim - Tuesday afternoon August 11, 2015, is the soonest our colleagues in Germany would be available. An alternate meeting time would need to be after that date. Please let me know if this is acceptable. I expect that you may forward this invitation to other EPA staff.

Best regards,

Len

Leonard W. Kata
Senior Manager
Emission Regulations and Certification
Engineering and Environmental Office
Volkswagen Group of America, Inc.

Phone: (248) 754-4204
Cell: (248) 797-3886
Fax: (248) 754-4207
E-Mail: leonard.kata@vw.com

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+1 (855) 858-8080 (Auburn Hills)	English (United States)
+1 (248) 630-0170 (Auburn Hills)	English (United States)
+1 (248) 754-5055 (Auburn Hills)	English (United States)

Find a local number

Ex. 6

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[IOC([1033])!]

From: Kata, Leonard (EEO)
Location: Telephone Conference
Importance: Normal
Subject: Jetta 1.4L SIL (GSI)
Start Date/Time: Wed 7/29/2015 1:00:00 PM
End Date/Time: Wed 7/29/2015 1:30:00 PM

.....
,,,,,,,
To all:
A telephone conference has been set up to further discuss the Jetta 1.4L SIL topic.
Discussion points are:
1. Official EPA letter stating approval/denial
2. Reasoning for denial
3. Further possibilities
Call-in details are provided below.
Best regards,
Len

Leonard W. Kata
Senior Manager
Emission Regulations and Certification
Engineering and Environmental Office
Volkswagen Group of America, Inc.
Phone: (248) 754-4204
Cell: (248) 797-3886
Fax: (248) 754-4207
E-Mail: leonard.kata@vw.com

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From: Kata, Leonard (EEO)
Location: Telephone
Importance: Normal
Subject: SIL Shift Speeds
Start Date/Time: Fri 7/24/2015 2:00:00 PM
End Date/Time: Fri 7/24/2015 2:30:00 PM

;;;;;;
;;;;;;
Hello Jim:
I communicated your position regarding the Volkswagen 1.4L manual shift speeds w/SIL to my colleagues at Volkswagen AG. They would still like to speak with you, if possible. Therefore, I have set up a brief telephone conference for tomorrow. I know that this is on the spur of the moment, so if the time doesn't work, please let me know. I will watch my e-mail and can contact Germany early tomorrow.
Len

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Non-Responsive

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From: Kata, Leonard (EEO)
Location: Skype Meeting
Importance: Normal
Subject: Volkswagen SIL Survey
Start Date/Time: Thur 6/18/2015 1:30:00 PM
End Date/Time: Thur 6/18/2015 2:00:00 PM

.....
,,,,,,,
To all:
I just spoke with Jim Snyder and the conference call is on as scheduled.
Len

Hello Jim:
I have set this tentative telephone call to further discuss the VW SIL survey topic.
Please let me know if you are available or prefer an alternate time.
Thanks
Len

Join Skype Meeting

This is an online meeting for Skype for Business, the professional meetings and communications app formerly known as Lync.

Join by phone

Non-Responsive

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From: Snyder, Jim
Required Attendees: Wehrly, Linc; Wright, DavidA; Ball, Joel; Dalton, Joel; Pidgeon, Bill; Kata, Leonard (EEO); Anderson, Tom
Optional Attendees: Schlueter, Hannah (EASZ/1); Glas, Tobias
Location: AA-Room-Office-C126-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: VW SIL light shift schedule survey and test drive.
Start Date/Time: Wed 5/13/2015 1:00:00 PM
End Date/Time: Wed 5/13/2015 2:00:00 PM

VW will present results of SIL survey on their new 1.4L manual along with a vehicle to test drive the SIL.

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Giles, Michael (EEO)
Sent: Thur 9/24/2015 8:54:18 PM
Subject: RE: vehicle question

Jim,

The comment I am looking at I interpret as AMS. Is this what you saw?

"MY 2016 VOLKSWAGEN Passat tested as Passat sedan with **Automated Manual Selectable** 6 speed - ETW: 3875

From: Giles, Michael (EEO)
Sent: Thursday, September 24, 2015 4:53 PM
To: 'Snyder, Jim' <Snyder.Jim@epa.gov>
Subject: RE: vehicle question

AMS is correct! Do you want me to correct it?

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, September 24, 2015 4:45 PM
To: Giles, Michael (EEO) <michael.giles@vw.com>
Subject: vehicle question

There's a stray comment in here that says "Diesel with manual transmission". This is an automated Manual (DCT) right?

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency

(734) 214-4946
snyder.jim@epa.gov

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Allen, Gregory (EEO)[Gregory.Allen@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]
From: Rodgers, William (EEO)
Sent: Wed 9/16/2015 4:48:16 PM
Subject: Decision information

Hello Jim,

I have submitted a Decision Information file for tests Ex. 4 - CBI
Ex. 4 - CBI
Ex. 4 - CBI No manufacturer confirmatory tests are required. No re-labeling is expected.

Regards,

Bill Rodgers

Emissions Certification Engineer

Volkswagen Group

3800 Hamlin Rd

Auburn Hills, MI 48326

p. (248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Allen, Gregory (EEO)
Sent: Wed 9/16/2015 12:35:03 PM
Subject: Automatic reply: Volkswagen PHEV Ex. 4 - CBI

Hello,

I will be out of the office Ex. 6 I will be returning to the office on Friday, September 18th.

I will have access to e-mails during this time, but please expect a delay in my response

Thank You and Best Regards,

Greg Allen

VWGoA EEO

To: Danzeisen, Karen[Danzeisen.Karen@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Snyder, Jim[Snyder.Jim@epa.gov]; Vincent E Coleman[vcoleman2@csc.com]; Allen, Gregory (EEO)[Gregory.Allen@vw.com]
From: Rodgers, William (EEO)
Sent: Wed 9/16/2015 11:38:42 AM
Subject: RE: Volkswagen PHEV $ Ex. 4 - CBI

It worked!!!!

Thanks for the help everyone.

@Jim – Can you follow up with Ben to see if next week is still possible for the testing. Our test vehicle arrived yesterday.

Regards,

Bill Rodgers

Emissions Certification Engineer

Volkswagen Group

3800 Hamlin Rd

Auburn Hills, MI 48326

p. (248) 754-4219

From: Danzeisen, Karen [mailto:Danzeisen.Karen@epa.gov]
Sent: Tuesday, September 15, 2015 5:12 PM
To: Rodgers, William (EEO)
Cc: Giles, Michael (EEO); Snyder, Jim

Subject: RE: Volkswagen PHEV Ex. 4 - CBI

Hi Bill,

Vince Coleman at the Verify Help Desk has been following your progress on this and let me know a little while ago that you attempted to submit your Supplemental Info but got an error. It looks like you removed the test details (e.g. fan placements, shift schedule ID, etc…) for Test Ex. 4 - CBI I think if you add those two rows back into the submission it should work.

The standards look like they were acceptable as entered.

Karen

Karen E. Danzeisen
Information Technology Specialist
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444

www.epa.gov/nvfel/

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Tuesday, September 15, 2015 10:01 AM
To: Danzeisen, Karen
Cc: Giles, Michael (EEO); Snyder, Jim
Subject: RE: Volkswagen PHEV Ex. 4 - CBI

Thanks Karen.

I have successfully submitted a Decision Information revision without Ex. 4 - CBI

@Jim – Once Ex. 4 - CBI are removed from the confirmatory test I can resubmit Ex. 4 - CBI Of course it's understood that the Ex. 4 - CBI test will be run anyway.

Regards,

Bill Rodgers

Volkswagen Group

(248) 754-4219

From: Danzeisen, Karen [mailto:Danzeisen.Karen@epa.gov]
Sent: Tuesday, September 15, 2015 9:26 AM
To: Rodgers, William (EEO)
Cc: Giles, Michael (EEO); Snyder, Jim
Subject: RE: Volkswagen PHEV Ex. 4 - CBI

Hello Bill,

Thank you for these examples illustrating what's going on. The reason you get an abnormal error when you don't submit those Ex. 4 - CBI is because Verify is accepting whatever standards you are entering and then moving on to compile the necessary data to send to our Lab for scheduling. It's at this point that it reaches back to your Decision Info (DI) and grabs the "paired data" from the Test Number section of DI. The system is not designed to handle tests with multiple bag/phase data and that's where the crash occurs.

So, I think the next step is to attempt a Decision Information correction submission where you would remove your manufacturer test numbers for Ex. 4 - CBI It's possible we may run into some problem because Jim has selected confirmatory tests already, but I think it's worth a try rather than scraping everything right off the bat. If it does work, then the next step would be to proceed to your Ex. 4 - CBI and

resubmitting that.

Let me know how it goes.

Karen

Karen E. Danzeisen
Information Technology Specialist
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444

www.epa.gov/nvfel/

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Tuesday, September 15, 2015 8:22 AM
To: Danzeisen, Karen; Snyder, Jim
Cc: Giles, Michael (EEO)
Subject: Volkswagen PHEV Ex. 4 - CBI
Importance: High

Hello Karen and Jim,

I have attached the Supplemental Information (SI) and rejection submission report which include all test types required by the confirmatory test decision Ex. 4 - CBI

Additionally as indicated below we only get a Verify processing error when attempting to submit the SI with Ex. 4 - CBI emission names other than those emissions names listed in the attached rejection submission report.

Please assist in resolving this matter today to avoid test scheduling problems.

Regards,

Bill Rodgers

Volkswagen Group

(248) 754-4219

There was a problem processing your request

From

Verify Administrator

Date

9/15/2015 7:44:33 AM

There was an unexpected error processing your submission. Please retry your submission at a later date. If you continue to receive this message please contact the Verify Helpdesk. It can be reached through email (verifyhelp@csc.com) or by phone (1-888-890-1995 and choose option 4).

The rejection occurred at Tue Sep 15 07:44:21 EDT 2015 while processing document: **Ex. 4 - CBI**

Vehicle ID: A **Ex. 4 - CBI**

Vehicle Configuration #: 0

Transaction Identifier: **Ex. 4 - CBI**

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Snyder, Jim[Snyder.Jim@epa.gov]
From: Danzeisen, Karen
Sent: Tue 9/15/2015 2:04:27 PM
Subject: RE: Volkswagen PHEV Ex. 4 - CBI

Yeah! I'm glad that worked. Let us know when you get the corresponding Ex. 4 - CBI successfully submitted.

Karen

Karen E. Danzeisen
Information Technology Specialist
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444

www.epa.gov/nvfel/

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Tuesday, September 15, 2015 10:01 AM
To: Danzeisen, Karen
Cc: Giles, Michael (EEO); Snyder, Jim
Subject: RE: Volkswagen PHEV Ex. 4 - CBI

Thanks Karen.

I have successfully submitted a Decision Information revision without test Ex. 4 - CBI

@Jim – Once Ex. 4 - CBI are removed from the confirmatory test I can resubmit the Ex. 4 - CBI Of course it's understood that the Ex. 4 - CBI test will be run anyway.

Regards,

Bill Rodgers

Volkswagen Group

(248) 754-4219

From: Danzeisen, Karen [mailto:Danzeisen.Karen@epa.gov]
Sent: Tuesday, September 15, 2015 9:26 AM
To: Rodgers, William (EEO)
Cc: Giles, Michael (EEO); Snyder, Jim
Subject: RE: Volkswagen PHEV Ex. 4 - CBI

Hello Bill,

Thank you for these examples illustrating what's going on. The reason you get an abnormal error when you don't submit those Ex. 4 - CBI is because Verify is accepting whatever standards you are entering and then moving on to compile the necessary data to send to our Lab for scheduling. It's at this point that it reaches back to your Decision Info (DI) and grabs the "paired data" from the Test Number section of DI. The system is not designed to handle tests with multiple bag/phase data and that's where the crash occurs.

So, I think the next step is to attempt a Decision Information correction submission where you would remove your manufacturer test numbers for test Ex. 4 - CBI It's possible we may run into some problem because Jim has selected confirmatory tests already, but I think it's worth a try rather than scraping everything right off the bat. If it does work, then the next step would be to proceed to your Ex. 4 - CBI and resubmitting that.

Let me know how it goes.

Karen

Karen E. Danzeisen
Information Technology Specialist
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444

www.epa.gov/nvfel/

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Tuesday, September 15, 2015 8:22 AM
To: Danzeisen, Karen; Snyder, Jim
Cc: Giles, Michael (EEO)
Subject: Volkswagen PHEV Ex. 4 - CBI
Importance: High

Hello Karen and Jim,

I have attached the Supplemental Information (SI) and rejection submission report which include all test types required by the confirmatory test decision Ex. 4 - CBI

Additionally as indicated below we only get a Verify processing error when attempting to submit the SI with test Ex. 4 - CBI emission names other than those emissions names listed in the attached rejection submission report.

Please assist in resolving this matter today to avoid test scheduling problems.

Regards,

Bill Rodgers

Volkswagen Group

(248) 754-4219

There was a problem processing your request

From

Verify Administrator

Date

9/15/2015 7:44:33 AM

There was an unexpected error processing your submission. Please retry your submission at a later date. If you continue to receive this message please contact the Verify Helpdesk. It can be reached through email (verifyhelp@csc.com) or by phone (1-888-890-1995 and choose option 4).

The rejection occurred at Tue Sep 15 07:44:21 EDT 2015 while processing document: **Ex. 4 - CBI**

Vehicle ID: **Ex. 4 - CBI**

Vehicle Configuration #: 0

Transaction Identifier: **Ex. 4 - CBI**

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Giles, Michael (EEO)
Sent: Mon 9/14/2015 8:51:12 PM
Subject: VW Group - Ex. 4 - CBI

Ho Jim,

I was unable to submit a trimmed down supplemental XML with only a few tags for the coast down tags (these would be child tags under parent tag name ExhaustEmissionsStandardDetails).

As we have already determined, removing entries for the Ex. 4 - CBI will cause a rejection.

You mentioned possibly removing these tests from the "CTDI" which I believe means the ConfirmatoryTestDecisionInformation. How can we try that approach? Please let us know if we need to re-submit our Ex. 4 - CBI these have been selected.

Mike

Michael Giles

Certification Engineer

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4229

Fax: 248 754 4207

mailto: Michael.Giles@VW.com

To: Snyder, Jim[Snyder.Jim@epa.gov]; verifyhelp@csc.com[verifyhelp@csc.com]
From: Rodgers, William (EEO)
Sent: Mon 9/14/2015 7:13:57 PM
Subject: RE: VW processing error

Correct Jim.

I get the Processing Error attached.

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Monday, September 14, 2015 3:12 PM
To: Rodgers, William (EEO); verifyhelp@csc.com
Subject: RE: VW processing error

And from what you said, Ex. 4 - CBI resulted in an immediate rejection, correct?

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Monday, September 14, 2015 3:09 PM
To: verifyhelp@csc.com
Cc: Snyder, Jim
Subject: VW processing error

Vince, We tried to submit Ex. 4 - CBI Ex. 4 - CBI but still get the processing error attached.

Ex. 4 - CBI instead it will process but returns this rejection:

Transaction Status Details

Transaction Status Identifier : REJECTED

Ex. 4 - CBI

Ex. 4 - CBI

Please let me know a next step so we can get this SI submitted.

Bill Rodgers

Volkswagen Group

248-754-4219

There was a problem processing your request

From

Verify Administrator

Date

9/14/2015 2:57:50 PM

There was an unexpected error processing your submission. Please retry your submission at a later date. If you continue to receive this message please contact the Verify Helpdesk. It can be reached through email (verifyhelp@csc.com) or by phone (1-888-890-1995 and choose option 4).

The rejection occurred at Mon Sep 14 14:57:18 EDT 2015 while processing document:

Ex. 4 - CBI

Ex. 4 - CBI

Regards,

Bill Rodgers

EEO

To: Good, David[good.david@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Mon 9/14/2015 5:06:46 PM
Subject: FW: 2016 Audi S8

Ex. 4 - CBI

Hi Dave;

To summarize our phone discussion I have the following. Ex. 4 - CBI

Ex. 4 - CBI

If you have any questions or I did not capture the discussion correctly please let me know.

Best regards,

Richard

From: Thomas, Richard (EEO)
Sent: Monday, September 14, 2015 11:59 AM
To: 'Good.David@epamail.epa.gov' <Good.David@epamail.epa.gov>
Cc: Jim Snyder (snyder.jim@epa.gov) <snyder.jim@epa.gov>; Kata, Leonard (EEO) <Leonard.Kata@vw.com>
Subject: 2016 Audi S8

Hi Dave;

I guess you are in the office today (Monday). As a reminder, I have attached an email I wrote to you before your vacation week. Ex. 4 - CBI

Ex. 4 - CBI

Best regards,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
Cc: Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Tue 9/1/2015 1:52:34 PM
Subject: Running Change Fuel Economy 2016 Audi S8

Hi Dave;

A reminder to look into this issue when you have time on Thursday, maybe. First allow me to

Ex. 4 - CBI

Thanks,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Mon 9/14/2015 3:59:12 PM
Subject: 2016 Audi S8

Ex. 4 - CBI

Hi Dave;

I guess you are in the office today (Monday). As a reminder, I have attached an email I wrote to you before your vacation week. Ex. 4 - CBI

Ex. 4 - CBI

Best regards,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
Cc: Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Tue 9/1/2015 1:52:34 PM
Subject: Running Change Fuel Economy 2016 Audi S8

Hi Dave;

A reminder to look into this issue when you have time on Thursday, maybe. First allow me to

Ex. 4 - CBI

Thanks,

Richard

Richard E. Thomas

Senior Emission Certification Specialist

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4213

Fax: 248 754 4207

mailto: Richard.Thomas@VW.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Mon 9/14/2015 2:15:13 PM
Subject: Supplemental data

I spoke too soon.

It looks like I cannot include Ex. 4 - CBI

Bill

Transaction Status Details

Transaction Status Identifier : REJECTED
Transaction Message Text : Ex. 4 - CBI

Ex. 4 - CBI

Regards,

Bill Rodgers

EEO

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Mon 9/14/2015 2:04:52 PM
Subject: PHEV supplemental data

Hi Jim,

I submitted the supplemental data as discussed. Thanks for the help.

Regards,

Bill Rodgers

Volkswagen Group

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Ex. 7 (EEO)
Sent: Thur 9/10/2015 5:43:00 PM
Subject: RE: Durability Ex. 4 - CBI

Hello Jim,

Thanks. Sorry, I wanted to call you this morning but the day got away from me with many other phone calls – all on the same topic. I heard from Byron you were putting together a list of questions, so if you have any don't hesitate to send them.

Ex. 7

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, September 10, 2015 1:41 PM
To: Ex. 7 (EEO)
Subject: RE: Durability For Ex. 4 - CBI

Thanks for the addition data. I will review it tomorrow.

Jim

From: Ex. 7 @vw.com]
Sent: Thursday, September 10, 2015 1:28 PM
To: Snyder, Jim
Cc: Wehrly, Linc; Bunker, Byron; Ex. 7 @ARB'; Ex. 7 @arb.ca.gov'; Ex. 7 @ARB; Ex. 7 @arb.ca.gov)
Subject: Durability For Ex. 4 - CBI

Hello Jim,

Attached please find more details regarding the durability testing that Volkswagen carried out on

Ex. 4 - CBI

Thank you and best regards,

Ex. 7

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Thur 9/10/2015 4:13:53 PM
Subject: RE: PHEV data

thanks

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, September 10, 2015 11:44 AM
To: Rodgers, William (EEO); Allen, Gregory (EEO)
Subject: PHEV data

Here is the latest Cmax PHEV data:

http://iaspub.epa.gov/otaqpub/display_file.jsp?docid=33392&flag=1

page 24 starts the CD UDDS data. Unfortunately I think the UDDSs are out of order so it may confuse. Reviewing SAE 1711 (you should get it if you don't already) the end-of-test criterion is to run to a transition to CS UDDS and then continue running UDDSs until you meet the net SOC <1% criteria . Ex. 4 - CBI
SOC.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Ex. 7
Ex. 7 @vw.com]
From: Ex. 7
Sent: Wed 9/9/2015 7:26:58 PM
Subject: RE: 2015MY (the Gen3) 2.0 diesel durability

Hello Jim:

Regarding your questions, the following response is provided by the emission certification group at Volkswagen AG.

Ex. 4 - CBI

If you have any further questions, please let us know.

Best regards,

Ex. 7

Ex. 7

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: Ex. 7

Cell: Ex. 7

Fax: (248) 754-4207

E-Mail: Ex. 7

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, September 03, 2015 7:39 PM
To: Ex. 7 @vw.com>
Cc: Ex. 7 @vw.com>
Subject: 2015MY (the Gen3) 2.0 diesel durability

Ex. 7

I will be of Friday and of course Monday But rather than wait til Tuesday I want to ask for

Ex. 4 - CBI

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946

snyder.jim@epa.gov

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Allen, Gregory (EEO)[Gregory.Allen@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]
From: Rodgers, William (EEO)
Sent: Tue 9/1/2015 1:15:45 PM
Subject: RE: Audi Q7 questions

Hello Jim,

Ex. 4 - CBI

Let me know if you need more information.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Rodgers, William (EEO)
Sent: Monday, August 31, 2015 3:53 PM
To: "Jim Snyder' (Snyder.Jim@epamail.epa.gov)'
Cc: Allen, Gregory (EEO); Giles, Michael
Subject: Audi Q7 questions

Hello Jim,

I received your phone message late in the day regarding the 2017 Audi Q7:

Ex. 4 - CBI

Thanks,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Allen, Gregory (EEO)
Sent: Tue 9/1/2015 12:58:59 PM
Subject: Ex. 4 - CBI

Hello Jim,

I've spoken with our Lamborghini certification colleagues, and they would like to (your schedule permitting of course) schedule a conference call within the next few days to discuss Ex. 4 - CBI

Ex. 4 - CBI

Please let me know your schedule, and if EPA is willing to discuss I can send out a conference call meeting when a time has been agreed upon.

Thanks Jim.

Regards,

Greg Allen

VWGoA EEO

(248)754-4209

From: Glodich, Jeffrey (J.M.)
Location: Toyota, Ann Arbor
Importance: Normal
Subject: SAE J2263 LDVP Committee Meeting
Start Date/Time: Thur 9/24/2015 5:00:00 PM
End Date/Time: Thur 9/24/2015 7:30:00 PM

;;;
Purpose: Focused on J2263 next steps. Agenda TBD.
SAE Light-Duty Vehicle Performance and Economy Measures Committee Meeting 1-3:30 PM, Toyota Technical Center, Ann Arbor.
Call in numb Ex. 6
Access code
Web Address https://www.connectmeeting.att.com <https://www.connectmeeting.att.com/>
meeting id Ex. 6
access code

From: Glodich, Jeffrey (J.M.)
Location: Toyota, Ann Arbor
Importance: Normal
Subject: SAE J1634 LDVP Committee Meeting
Start Date/Time: Thur 9/17/2015 5:00:00 PM
End Date/Time: Thur 9/17/2015 7:30:00 PM

;;;
Purpose: Agree on final updates before 1st level balloting.
SAE Light-Duty Vehicle Performance and Economy Measures Committee Meeting 1-3:30 PM, Toyota Technical Center, Ann Arbor.
Call in numb Ex. 6
Access code
Web Address https://www.connectmeeting.att.com <https://www.connectmeeting.att.com/>
meeting id Ex. 6
access code

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Allen, Gregory (EEO)[Gregory.Allen@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]
From: Rodgers, William (EEO)
Sent: Fri 8/28/2015 5:11:15 PM
Subject: VW Group Decision Information

Hello Jim,

We have submitted the exhaust tests and decision information for the new generation Ex. 4 - CBI

Ex. 4 - CBI

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Mazaitis, Vincent[mazaitis.vincent@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Allen, Gregory (EEO)
Sent: Tue 8/25/2015 3:08:48 PM
Subject: RE: VW324-5-0017/16

Sounds good. We will see you in the morning.

Thanks.

Regards,

Greg Allen

VWGoA EEO

Work: (248) 754-4209

Cell: (989) 875-9031

From: Mazaitis, Vincent [mailto:mazaitis.vincent@epa.gov]
Sent: Tuesday, August 25, 2015 11:06 AM
To: Allen, Gregory (EEO) <Gregory.Allen@vw.com>
Cc: Snyder, Jim <Snyder.Jim@epa.gov>
Subject: VW324-5-0017/16

Good morning Gregory,

As the schedule is fluid, let's shoot for 7:00 am. If things change, I'll contact you by phone or e-mail.

Thanks,

Vince Mazaitis

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]; Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Allen, Gregory (EEO)
Sent: Thur 8/20/2015 6:10:45 PM
Subject: Volkswagen Test Vehicle Engineering Report - VW324-3-0108/16

Ex. 4 - CBI

Hello Jim,

Ex. 4 - CBI

This FEDV was originally scheduled to be confirmatory tested at EPA on June 10, 2015.

Ex. 4 - CBI

The report was also uploaded electronically to Verify. Please let us know if you have any questions/concerns with the report.

Thank You and Best Regards,

Greg Allen

VWGoA EEO

(248)754-4209

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Thur 8/20/2015 2:07:16 PM
Subject: RE: VW Group Request for Approval

Thanks Jim.

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Wednesday, August 19, 2015 3:07 PM
To: Rodgers, William (EEO)
Subject: RE: VW Group Request for Approval

See attachment.

-Jim

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Wednesday, August 19, 2015 10:24 AM
To: Snyder, Jim
Subject: FW: VW Group Request for Approval
Importance: High

Jim,

I uploaded the RFA letter to Verify as (**Ex. 4 - CBI**

Thanks,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Rodgers, William (EEO)
Sent: Tuesday, August 18, 2015 11:02 AM
To: "Jim Snyder' (Snyder.Jim@epamail.epa.gov)'
Cc: Schuetze, Michael (N/EA-521); Giles, Michael; Allen, Gregory (EEO)
Subject: VW Group Request for Approval
Importance: High

Hello Jim,

Ex. 4 - CBI

Thanks,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Ross Gatzke[Ross.Gatzke@porsche.us]; Bill Rodgers (william.Rodgers@vw.com)[william.Rodgers@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Mazaitis, Vincent
Sent: Thur 8/20/2015 12:10:13 PM
Subject: Ex. 4 - CBI

Ex. 4 - CBI

Please find enclosed, the Ex. 4 - CBI. If you have any questions or concerns, please contact me.

Thank you,

Vince Mazaitis

(734)214-4864

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Wed 8/19/2015 2:24:19 PM
Subject: FW: VW Group Request for Approval

Jim,

I uploaded the RFA letter to Verify as Ex. 4 - CBI

Thanks,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Rodgers, William (EEO)
Sent: Tuesday, August 18, 2015 11:02 AM
To: "Jim Snyder' (Snyder.Jim@epamail.epa.gov)'
Cc: Schuetze, Michael (N/EA-521); Giles, Michael; Allen, Gregory (EEO)
Subject: VW Group Request for Approval
Importance: High

Hello Jim,

[redacted]

Ex. 4 - CBI

Thanks,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Schuetze, Michael (N/EA-521)[Michael.Schuetze@audi.de]; Giles, Michael (EEO)[michael.giles@vw.com]; Allen, Gregory (EEO)[Gregory.Allen@vw.com]
From: Rodgers, William (EEO)
Sent: Tue 8/18/2015 3:02:16 PM
Subject: VW Group Request for Approval

Ex. 4 - CBI

Hello Jim,

Ex. 4 - CBI

Thanks,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]; Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Allen, Gregory (EEO)
Sent: Mon 8/17/2015 7:55:46 PM
Subject: Volkswagen Test Vehicle Engineering Report

Ex. 4 - CBI

Hello Jim,

Please see the attached engineering report for Vehicle ID: **Ex. 4 - CBI** Automatic)

This FEDV is scheduled to be delivered to EPA on August 24,2015, with a scheduled test date of August 26,2015.

The attached report describes an issue that occurred during certification testing, as well as the steps that were taken to resolve the issue. We expect no influence on emissions or fuel economy with this repair.

The report was also uploaded electronically to Verify. Please let us know if you have any questions/concerns with the report.

Thank You and Best Regards,

Greg Allen

VWGoA EEO

(248)754-4209

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Kata, Leonard (EEO)
Sent: Mon 8/17/2015 7:39:17 PM
Subject: Volkswagen SIL Shift Speed Request.

Hello Jim:

As we had discussed previously, would you be able to send a written response to our request for

Ex. 4 - CBI

Best regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

Fax: (248) 754-4207

E-Mail: leonard.kata@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Wright, DavidA[Wright.DavidA@epa.gov]; McBryde, Dan[mcbryde.dan@epa.gov]; Smithson, Arlene[smithson.arlene@epa.gov]; Thomas, Richard (EEO)[Richard.Thomas@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]; Sigelko, Jenny (EEO)[Jenny.Sigelko@vw.com]; Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Kata, Leonard (EEO)
Sent: Wed 8/12/2015 3:08:35 PM
Subject: RE: additional questions regarding the PHEV Testing

Ex. 4 - CBI

Hello Jim:

Attached are the Volkswagen responses to the questions raised during and after our conference call of Aug. 11, 2015, Ex. 4 - CBI If any additional clarification is needed, do not hesitate to contact me.

Best regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

Fax: (248) 754-4207

E-Mail: leonard.kata@vw.com

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Tuesday, August 11, 2015 2:56 PM
To: Kata, Leonard (EEO)
Subject: additional questions regarding the PHEV Testing

Len, there were some additional questions/comments brought up after the meeting. Please forward these to the appropriate persons.

Ex. 4 - CBI

4. Additionally, we all hope the testing goes smoothly. Detailed instructions and labeling on the vehicle for start procedure and testing procedure are always helpful and should be delivered with the vehicle. Photos of any indicators on the instrument panel to look for to confirm proper settings. Special fan placement? Seat belt req'd?

Jim Snyder
Light-Duty Vehicle Group
Compliance Division

United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Kata, Leonard (EEO)
Sent: Tue 8/11/2015 6:58:47 PM
Subject: RE: additional questions regarding the PHEV Testing

Hello Jim:

I will forward these additional questions immediately. Thanks again to you and the other EPA staff for participating in the call.

Best regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

Fax: (248) 754-4207

E-Mail: leonard.kata@vw.com

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Tuesday, August 11, 2015 2:56 PM
To: Kata, Leonard (EEO)
Subject: additional questions regarding the PHEV Testing

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Ex. 4 - CBI

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Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Snyder, Jim[Snyder.Jim@epa.gov]; McBryde, Dan[mcbryde.dan@epa.gov]; Smithson, Arlene[smithson.arlene@epa.gov]; Wright, DavidA[Wright.DavidA@epa.gov]; Ex. 7

Ex. 7

Sent: Tue 8/11/2015 3:36:07 PM
Subject: RE: Ex. 4 - CBI Testing at EPA
Ex. 4 - CBI

To all:

In preparation for our telephone conference today at 1:00 p.m., I have attached a deck of slides. We will not have the ability to share graphics online. Therefore, please use these slides to follow along with the conversation.

Volkswagen Group of America, Inc. participants will join in the EEO Conference Room.

Best regards,

Ex. 7

Ex. 7
Senior Manager
Emission Regulations and Certification
Engineering and Environmental Office
Volkswagen Group of America, Inc.

Ex. 7

-----Original Appointment-----
From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Wednesday, August 05, 2015 4:42 PM
To: Snyder, Jim; McBryde, Dan; Smithson, Arlene; Wright, DavidA; Ex. 7
Ex. 7
Subject: Audi A3 e-tron PHEV Testing at EPA
When: Tuesday, August 11, 2015 1:00 PM-2:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: AA-Room-Office-N125-ConfRoom/AA-OTAQ-OFFICE

Audi is hoping to get their vehicle scheduled for week of 8/31, although I haven't even seen the waiver request yet. Thought we should talk about lab testing details beforehand.

To all:

On August 4, 2015, representatives from Volkswagen Group of America, Inc. (VWGoA) had a brief telephone conversation with EPA, which included discussion of certification of Ex. 4 - CBI Ex. 4 - CBI vehicle. At that time, VWGoA informed EPA that confirmatory testing of this concept could begin the week of August 31, 2015, (assuming that the agency will request confirmatory testing at the EPA laboratory). A definite test date will not be established until submission of the test request.

EPA requested a meeting to provide the agency with information regarding vehicle technology, operating characteristics, and information concerning test considerations. In light of the short lead-time before the projected test date, we prefer to conduct this meeting as soon as possible.

Based on my notes from the recent telephone conference, I have listed the following discussion points:

Ex. 4 - CBI

EPA informed VWGoA that Ex. 4 - CBI testing can be completed quickly (within two weeks), but since the process is a long string of testing, it can take a longer period if something goes wrong (up to six weeks). Thus, the importance of having this discussion. As stated, the discussion would be by telephone. Call-in details are shown below.

@Jim – Tuesday afternoon August 11, 2015, is the soonest our colleagues in Germany would be available. An alternate meeting time would need to be after that date. Please let me know if this is acceptable. I expect that you may forward this invitation to other EPA staff.

Best regards,

Ex. 7

Ex. 7
Senior Manager
Emission Regulations and Certification
Engineering and Environmental Office
Volkswagen Group of America, Inc.

Ex. 7

→ Join Skype Meeting

This is an online meeting for Skype for Business, the professional meetings and communications app formerly known as Lync.

Join by phone

+1 (248) 754-6400 (Auburn Hills)	English (United States)
+1 (855) 858-8080 (Auburn Hills)	English (United States)
+1 (248) 630-0170 (Auburn Hills)	English (United States)
+1 (248) 754-5055 (Auburn Hills)	English (United States)

Find a local number

Ex. 6

Forgot your dial-in PIN? | Help

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]
From: Allen, Gregory (EEO)
Sent: Mon 8/10/2015 4:43:20 PM
Subject: Ex. 4 - CBI

Hello Jim,

As discussed --Today I uploaded the Ex. 4 - CBI testgroup.

As you know, this is an ongoing topic of discussion; and, although Ex. 4 - CBI has not been approved yet, we would appreciate your review of the application so that when the appropriate approvals are received we can expedite the certificate for this testgroup. As discussed, a cert request has not been generated yet for this testgroup, we will await the Ex. 4 - CBI approval before we proceed with the cert request in Verify.

If you have any questions upon your review please feel free to contact us.

Regards,

Greg Allen

VWGoA EEO

(248)754-4209

From: Kata, Leonard (EEO)
Location: AA-Room-Office-N125-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: Accepted: Ex. 4 - CBI Testing at EPA
Start Date/Time: Tue 8/11/2015 5:00:00 PM
End Date/Time: Tue 8/11/2015 6:00:00 PM

;

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Schuetze, Michael (N/EA-521)[Michael.Schuetze@audi.de]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Rodgers, William (EEO)
Sent: Thur 8/6/2015 4:14:15 PM
Subject: RE: Meeting request

Hello Jim,

Just as follow up to our phone conversation today. Please us informed about your schedule and we will make ourselves available during the week of August 17th. As discussed the purpose of the meeting will be to present our intention to use existing durability data from a p Ex. 4 - CBI Ex. 4 - CBI for Tier 3 compliance.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, August 06, 2015 9:05 AM
To: Rodgers, William (EEO)
Cc: Schuetze, Michael (N/EA-521); Kata, Leonard (EEO)
Subject: RE: Meeting request

I can't promise a specific day right now. We are planning to do coastdown testing that week so I don't know when I'll be in the office. It depends on the weather each day. Rain and wind mean I'm available.

Ex. 4 - CBI

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Wednesday, August 05, 2015 8:15 AM
To: Snyder, Jim
Cc: Schuetze, Michael (N/EA-521); Kata, Leonard (EEO)
Subject: Meeting request

Hello Jim,

Myself and Michael Schuetze of Audi would like to meet with you at your offices to discuss alternative deterioration factors for upcoming certification of the Ex. 4 - CBI We plan to be at EPA late morning August 17th and all day August 19th supporting Porsche confirmatory testing so either day would work good for us. Please let us know if you are available these days and a place and time to meet.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Horton, Garett (VWGoA Imp)
Location: AA-Room-Office-N125-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: Zugesagt Ex. 4 - CBI Testing at EPA
Start Date/Time: Tue 8/11/2015 5:00:00 PM
End Date/Time: Tue 8/11/2015 6:00:00 PM

;

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Schlueter, Hannah (EASZ/1)
Sent: Wed 8/5/2015 8:56:42 PM
Subject: Automatische Antwort: Ex. 4 - CBI Testing at EPA

Ich bin bis einschliesslich Ex. 6 außer Haus.

I will be out of the office through Ex. 6

Meine Emails werde ich nur sporadisch lesen können.

I will not be able to read my emails regularly.

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Kata, Leonard (EEO)
Sent: Wed 8/5/2015 6:54:09 PM
Subject: RE: PHEV calculation spreadsheet

Jim:

Will do. Did you see my meeting invitation to discuss Ex. 4 - CBI testing?

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

Fax: (248) 754-4207

E-Mail: leonard.kata@vw.com

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]

Sent: Wednesday, August 05, 2015 2:50 PM
To: Kata, Leonard (EEO)
Subject: PHEV calculation spreadsheet

Len, please pass this on to Hannah whoever is doing the numbers.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: French, Roberts
Sent: Wednesday, August 05, 2015 2:01 PM
To: Snyder, Jim
Subject: RE: Questions regarding CD-15-15

There will be a new version in the next month or two that has a few more things automated and will add some new CAFÉ calculations that came about as a result of new legislation from last December (for MY16 CAFÉ).

Please let users know they should contact me with any questions.

Thanks,

Rob

Roberts W. French, Jr.

U.S. Environmental Protection Agency

National Vehicle and Fuel Emissions Laboratory

2000 Traverwood Drive

Ann Arbor, Michigan 48105

(734) 214-4380

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Schuetze, Michael (N/EA-521)[Michael.Schuetze@audi.de]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Rodgers, William (EEO)
Sent: Wed 8/5/2015 12:15:16 PM
Subject: Meeting request

Hello Jim,

Myself and Michael Schuetze of Audi would like to meet with you at your offices to discuss Ex. 4 - CBI for upcoming certification of the Ex. 4 - CBI We plan to be at EPA late morning August 17th and all day August 19th supporting Ex. 4 - CBI confirmatory testing so either day would work good for us. Please let us know if you are available these days and a place and time to meet.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Kata, Leonard (EEO)
Sent: Tue 8/4/2015 12:49:05 PM
Subject: Telephone call

Hi Jim.

If you have a few minutes we have a couple of test rated questions. Could you call or tell me when you have about 15 minutes?
Thank you
Len

Sent from my iPhone

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Allen, Gregory (EEO)[Gregory.Allen@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]; Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Rodgers, William (EEO)
Sent: Fri 7/31/2015 6:02:55 PM
Subject: VW Group Decision Information VW324-5-0017/16

Jim,

I just submitted FTP and Hwy test results and Decision Information for the replacement vehicle for Volkswagen test vehicle VW324-3-0108/16 configuration-1 previously randomly selected for confirmatory tests on 6/10/2015. As you might remember we were unable to deliver the car due to a mechanic breakdown. The extent of the failure has not yet been determined so a replacement vehicle was tested to represent that configuration. A Manufacturer retest of the City cycle is required due to high City MPG if waived. Please let us know if you still intend to select this vehicle for confirmatory testing.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

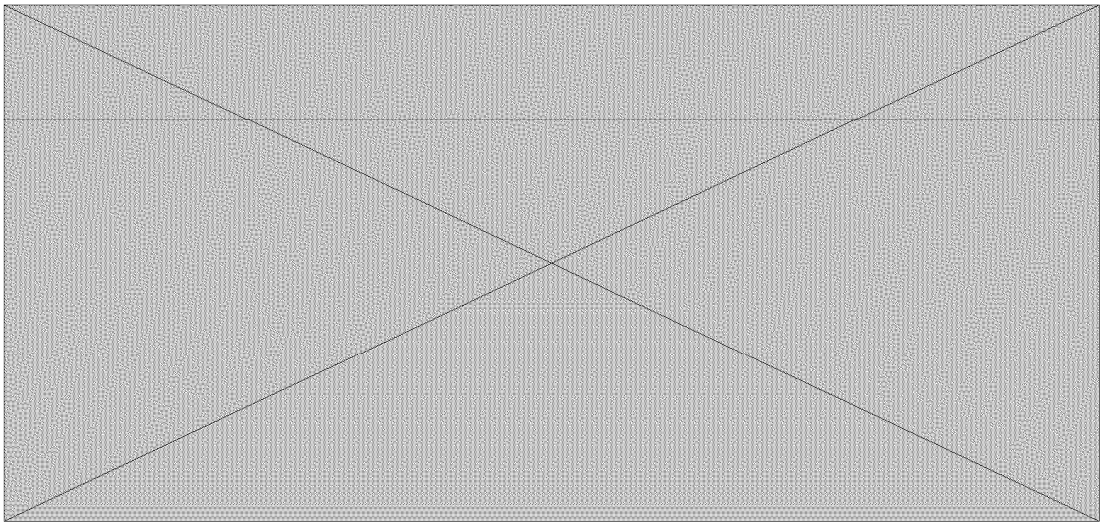
To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Allen, Gregory (EEO)[Gregory.Allen@vw.com]
From: Rodgers, William (EEO)
Sent: Thur 7/30/2015 2:29:06 PM
Subject: TDI generations
removed.txt

Jim,

Sorry for the delay in my response to your 2.0l TDI generations question?

This chart from my German colleague might help clarify what generation came when. Although the 14.5 model year identified in the chart was actually introduced in North America as 2015 model year.

The main technical differences between generations 1 and 2 was related to changes in after-treatment technology, NSC vs. SCR. The generation 3 engines also included a change to an integral liquid-cooled intercooler/intake manifold assembly and a closer coupled DPF and Catalyst assembly as the major changes.



Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Kata, Leonard (EEO)
Sent: Tue 7/28/2015 7:55:00 PM
Subject: Volkswagen SIL

Hello Jim:

I communicated your position regarding the Volkswagen 1.4L manual shift speeds w/SIL to my colleagues at Volkswagen AG. They would still like to speak with you. I tried to set up a brief call last Friday on short notice, but you may have been out of the office. Would you have about 30 minutes tomorrow morning, or at some other time convenient for you? The discussion topics are as follows:

1. Official EPA letter stating approval/denial
2. Reasoning for denial
3. Further possibilities

Please let me know if this is possible and I will set up a call-in number.

Thanks,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

Fax: (248) 754-4207

E-Mail: leonard.kata@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]; Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Allen, Gregory (EEO)
Sent: Mon 7/27/2015 3:01:09 PM
Subject: MY2016 Volkswagen Group Decision Request

Hello Jim,

I have submitted test information and a decision request for the vehicle listed below. This configuration represents a new FEDV for the GVGAV04.0NUA testgroup.

Vehicle ID: GNUA-S8P

FEDV: Configuration: 0 (Audi S8 Plus, 4.0L TFSI , 8 Speed Semi-Automatic Transmission)

These tests represent a new fuel economy vehicle for this new S8 Plus model being introduced in the GVGAV04.0NUA Tier 2 Bin5 / LEVII ULEV Testgroup. There is no hardware changes in comparison to the MY2016 4.0L S8 engine; but, there have been software enhancements / improvements to increase the horsepower to 605 for the S8 Plus model. Manufacturer Confirmatory testing is required for the FTP and HWY cycles due to high FE for the ETW.

Please inform us of your decision as soon as possible.

Thanks Jim.

Regards,

Greg Allen

VWGoA EEO

(248)754-4209

To: Mazaitis, Vincent[mazaitis.vincent@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Gordinier, Terry[Gordinier.Terry@epa.gov]
From: Allen, Gregory (EEO)
Sent: Fri 7/24/2015 1:16:07 PM
Subject: RE: VW370-4-0145/16

Hello Vince,

Has the vehicle mentioned below been released?

Regards,

Greg Allen

VWGoA EEO

(248)754-4209

From: Allen, Gregory (EEO)
Sent: Thursday, July 23, 2015 2:50 PM
To: Mazaitis, Vincent
Cc: Snyder, Jim; Gordinier, Terry
Subject: VW370-4-0145/16

Hello Vince,

Please release the VW Jetta TDI (actual vehicle is Golf) referenced in the subject line above for pick up. We will be having a carrier pick-up the vehicle tomorrow. Please let me know if you have any questions/concerns with this.

To my knowledge, Richard Thomas has already spoken with Ben Haynes on the carrier pick up details.

Regards,

Greg Allen

VWGoA EEO

(248)754-4209

From: Kata, Leonard (EEO)
Location: Telephone
Importance: Normal
Subject: SIL Shift Speeds
Start Date/Time: Fri 7/24/2015 2:00:00 PM
End Date/Time: Fri 7/24/2015 2:30:00 PM

;;;;;;
;;;;;;
Hello Jim:
I communicated your position regarding the Volkswagen 1.4L manual shift speeds w/SIL to my colleagues at Volkswagen AG. They would still like to speak with you, if possible. Therefore, I have set up a brief telephone conference for tomorrow. I know that this is on the spur of the moment, so if the time doesn't work, please let me know. I will watch my e-mail and can contact Germany early tomorrow.
Len

Join Skype Meeting

Non-Responsive

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Giles, Michael (EEO)
Sent: Thur 7/23/2015 5:15:53 PM
Subject: RE: Diesel nicknames

Hi Jim,

As we discussed, Passat with SCR began in MY 2012.

The other models were non SCR until MY 2015, when all models have SCR and in addition the 288 generation was introduced.

Regards,

Mike

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, July 23, 2015 1:04 PM
To: Giles, Michael (EEO)
Subject: FW: Diesel nicknames

From: Snyder, Jim
Sent: Wednesday, July 22, 2015 3:32 PM
To: 'Rodgers, William (EEO)'
Subject: Diesel nicknames

Hi Bill, can you clarify the 4 cylinder Diesel engine naming? I'm hearing new and next gen, and gen 3 kicked around, , it may be confusing

Prior to 2013 MY there was the TDi with NOX adsorber (Gen 1?)

For 2013 MY a new version with SCR was available in the Passat only. (Gen 2?, new Gen?)

For 2014MY the SCR version expanded to Golf, Jetta, and Beetle.

For 2015MY a newer, more compact TDI w/SCR offered on Passat, Golf, Jetta, and Beetle. (do you call this Gen 3? Handouts call it "next generation")

For 2016MY, I'm testing a carryover version in a Golf right now.

I know you call the latest gasoline TFSI engine the "Gen III" but Carb is calling the latest diesel that too.

And this doesn't cover the Audi V6s…

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Gregory Allen (EEO) (Gregory.Allen@vw.com)[Gregory.Allen@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]
Cc: Bill Rodgers (william.Rodgers@vw.com)[william.Rodgers@vw.com]; Gordinier, Terry[Gordinier.Terry@epa.gov]; Snyder, Jim[Snyder.Jim@epa.gov]
From: Mazaitis, Vincent
Sent: Wed 7/22/2015 12:39:32 PM
Subject: VW370 40145/16_7-211-15
VW370 40145-16_7-12-15.pdf

Please find enclosed, the Subject information. If you have any questions or concerns, please contact me.

Thank you,

Vince Mazaitis

(734)214-4864

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Allen, Gregory (EEO)[Gregory.Allen@vw.com]
From: Giles, Michael (EEO)
Sent: Fri 7/17/2015 3:24:52 PM
Subject: VW Group - Certificate Request for MY2016 Jetta Hybrid - Carryover Test Group GVGV01.4VPA

Hello Jim,

The application and certificate request for the MY2016 Jetta Hybrid (Carryover Test Group GVGV01.4VPA) was submitted today.

Please let me know if there are any related questions when processing this request.

Regards,

Mike

Michael Giles

Certification Engineer

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4229

Fax: 248 754 4207

mailto: Michael.Giles@VW.com

To: Rodgers, William (EEO)[William.Rodgers@vw.com]; Allen, Gregory (EEO)[Gregory.Allen@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Wilson, Dale[Wilson.Dale@epa.gov]
From: Mazaitis, Vincent
Sent: Fri 7/17/2015 2:33:34 PM
Subject: RE: VW411-4-0167-16

Will do Bill.

If you pick this vehicle up today, please contact Dale Wilson (734)214-4226, in the lab.

Thanks Bill and have a nice weekend!

Vince Mazaitis

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Friday, July 17, 2015 10:26 AM
To: Mazaitis, Vincent; Allen, Gregory (EEO)
Cc: Snyder, Jim; Gordinier, Terry
Subject: RE: VW411-4-0167-16

Hello Vince,

Please release the VW Passat referenced above for pick up. No further testing is allowed or requested.

Thanks

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Mazaitis, Vincent [mailto:mazaitis.vincent@epa.gov]
Sent: Thursday, July 16, 2015 2:29 PM
To: Allen, Gregory (EEO); Rodgers, William (EEO)
Cc: Snyder, Jim; Gordinier, Terry
Subject: VW411-4-0167-16

Please find enclosed, the Subject information. If you have any questions or concerns, please contact me.

Thank you,

Vince Mazaitis

(734)214-4864

To: Mazaitis, Vincent[mazaitis.vincent@epa.gov]; Allen, Gregory (EEO)[Gregory.Allen@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Gordinier, Terry[Gordinier.Terry@epa.gov]
From: Rodgers, William (EEO)
Sent: Fri 7/17/2015 2:26:03 PM
Subject: RE: VW411-4-0167-16

Hello Vince,

Please release the VW Passat referenced above for pick up. No further testing is allowed or requested.

Thanks

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Mazaitis, Vincent [mailto:mazaitis.vincent@epa.gov]
Sent: Thursday, July 16, 2015 2:29 PM
To: Allen, Gregory (EEO); Rodgers, William (EEO)
Cc: Snyder, Jim; Gordinier, Terry
Subject: VW411-4-0167-16

Please find enclosed, the Subject information. If you have any questions or concerns, please contact me.

Thank you,

Vince Mazaitis

(734)214-4864

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Gordinier, Terry[Gordinier.Terry@epa.gov]; Allen, Gregory (EEO)[Gregory.Allen@vw.com]; Mazaitis, Vincent[mazaitis.vincent@epa.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Rodgers, William (EEO)
Sent: Fri 7/17/2015 1:30:08 PM
Subject: RE: VW370 40145/16

Hello Jim,

We are requesting a retest for the Highway cycle for Vehicle ID: VW370 40145/16, a 2016 Golf TDI configured as a Jetta Sedan. This decision is based on the official EPA rounded adjusted fuel economy of 64.4 MPG Highway found in Verify which is 3.2% below the Volkswagen test result of 66.5 MPG.

We are asking that this test be reschedule as soon as possible because of a short lead time to product launch. Please let us know the test date as soon as possible.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Mazaitis, Vincent [mailto:mazaitis.vincent@epa.gov]
Sent: Thursday, July 16, 2015 11:56 AM
To: Allen, Gregory (EEO); Rodgers, William (EEO)
Cc: Snyder, Jim; Gordinier, Terry
Subject: VW370 40145/16

Please find enclosed, the Subject information. If you have any questions or concerns, please contact me.

Thank you,

Vince Mazaitis

(734)214-4864

To: Gregory Allen (EEO) (Gregory.Allen@vw.com)[Gregory.Allen@vw.com]; Bill Rodgers (william.Rodgers@vw.com)[william.Rodgers@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Gordinier, Terry[Gordinier.Terry@epa.gov]
From: Mazaitis, Vincent
Sent: Thur 7/16/2015 6:28:44 PM
Subject: VW411-4-0167-16
VW411-4-0167-16_7-15-15.pdf

Please find enclosed, the Subject information. If you have any questions or concerns, please contact me.

Thank you,

Vince Mazaitis

(734)214-4864

To: Gregory Allen (EEO) (Gregory.Allen@vw.com)[Gregory.Allen@vw.com]; Bill Rodgers (william.Rodgers@vw.com)[william.Rodgers@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Gordinier, Terry[Gordinier.Terry@epa.gov]
From: Mazaitis, Vincent
Sent: Thur 7/16/2015 3:56:00 PM
Subject: VW370 40145/16
VW370 40145_16_7-15-15.pdf

Please find enclosed, the Subject information. If you have any questions or concerns, please contact me.

Thank you,

Vince Mazaitis

(734)214-4864

To: Mazaitis, Vincent[mazaitis.vincent@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Allen, Gregory (EEO)
Sent: Tue 7/14/2015 4:54:55 PM
Subject: RE: Volkswagen Testing - July 15

Hello Vince,

Ok – we will plan to be there at 7 a.m.

Thanks

Best Regards,

Greg Allen

VWGoA EEO

(248)754-4209

From: Mazaitis, Vincent [mailto:mazaitis.vincent@epa.gov]
Sent: Tuesday, July 14, 2015 12:51 PM
To: Allen, Gregory (EEO)
Cc: Snyder, Jim
Subject: RE: Volkswagen Testing - July 15

Hello Allen,

the two may be running on different sites. I am unable to tell you at this time if they will run at the same time or if they will run at different times. My suggestion is to be here at 7:00 am in any case. If things change, I'll call you.

Thanks Allen,

Vince Mazaitis

From: Allen, Gregory (EEO) [mailto:Gregory.Allen@vw.com]
Sent: Tuesday, July 14, 2015 9:30 AM
To: Mazaitis, Vincent
Subject: Volkswagen Testing - July 15

Hello Vince,

I just wanted to let you know that myself, as well as a few other German colleagues, will be coming over tomorrow for the two vehicles we have scheduled to be tested.

Do we have any indication yet on a time they will be tested? Also, do you know if they will run simultaneously, or back to back? Just so we can try and plan ahead.

If not, we'll plan on being there at 7am and see how things go.

If anything changes in the morning please give me a call on my cell.

Thanks Vince!

Best Regards / Mit freundlichen Grüßen,

Greg Allen

Emissions Certification Engineering Analyst

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

U.S.A.

Phone: (248) 754-4209

Cell: (989) 875-9031

E-mail: Gregory.Allen@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Jackson, Judy[Jackson.Judy@epa.gov]; Pugliese, Holly[pugliese.holly@epa.gov]; Somoza, Sandra[Somoza.Sandra@epa.gov]; Verify[Verify@epa.gov]; Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Ex. 6
Sent: Tue 7/14/2015 4:27:15 PM
Subject: Re: Fw: Request from VOLKSWAGEN Group of America: RE: Certificate for TG: GVGAV02.0VBD Evap: GVGAR0110VAE Is Waiting To Be Signed (HLP-6382)

Hello Mr. Snyder,

We will look into this issue further. I will contact Greg Allen for the transaction id in the latest notification sent to his inbox.

Ex. 6

Verify Help Desk
Staffed by Computer Sciences Corporation,
Contractor to the Environmental Protection Agency

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

To verifyhelp@csc.com

cc

Ex. 6

Subject Fw: Request from VOLKSWAGEN Group of America: RE: Certificate for TG: GVGAV02.0VBD Evap: GVGAR0110VAE Is Waiting To Be Signed

07/14/2015 12:11 PM

----- Forwarded by Ex. 6 on 07/14/2015 12:11 PM -----

From: "Snyder, Jim" <Snyder.Jim@epa.gov>
To: Ex. 6
Cc: "Jackson, Judy" <Jackson.Judy@epa.gov>, "Pugliese, Holly" <pugliese.holly@epa.gov>, "Somoza, Sandra" <Somoza.Sandra@epa.gov>, Verify <Verify@epa.gov>, "Rodgers, William (EEO)" <William.Rodgers@vw.com>
Date: 07/14/2015 09:08 AM
Subject: RE: Request from VOLKSWAGEN Group of America: RE: Certificate for TG: GVGAV02.0VBD Evap: GVGAR0110VAE Is Waiting To Be Signed

It looks like this is still an issue. Yesterday I denied a certificate request for GVGAV01.4VUP to unlock it and then VW resubmitted it. When I opened it and started reviewing it, Greg Allen at VW started getting additional rejection notices. It appeared that every time I refreshed the page he received another notification (?)

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: Ex. 6
Sent: Tuesday, July 07, 2015 4:00 PM
To: Snyder, Jim
Cc: Jackson, Judy; Pugliese, Holly; Somoza, Sandra; Verify; Rodgers, William (EEO)
Subject: RE: Request from VOLKSWAGEN Group of America: RE: Certificate for TG: GVGAV02.0VBD Evap: GVGAR0110VAE Is Waiting To Be Signed

It looks like the last notification was sent at 1:57 PM today. Now that the certificate has been issued these notifications may have stopped. I will check periodically to see if it happens again and warrants investigation.

Ex. 6

Ex. 6
Help Desk Analyst
CSC

1201 M Street SE, Suite 400, Washington, DC 20003
Ex. 6 | Ex. 6 | Ex. 6 | www.csc.com

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery.
NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

From: "Snyder, Jim" <Snyder.Jim@epa.gov>
To: "Rodgers, William (EEO)" <William.Rodgers@vw.com>, Verify <Verify@epa.gov>
Cc: "Somoza, Sandra" <Somoza.Sandra@epa.gov>, "Jackson, Judy" <Jackson.Judy@epa.gov>, "Pugliese, Holly" <pugliese.holly@epa.gov> Ex. 6
Date: 07/07/2015 03:34 PM
Subject: RE: Request from VOLKSWAGEN Group of America: RE: Certificate for TG: GVGAV02.0VBD Evap: GVGAR0110VAE Is Waiting To Be Signed

I think it was a result of resubmitting into the signing queue. I had trouble getting them to "send back". Unless it happens again I don't think it warrants the help desk's time.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

-----Original Message-----
From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Tuesday, July 07, 2015 3:24 PM
To: Snyder, Jim; Verify
Cc: Somoza, Sandra; Jackson, Judy; Pugliese, Holly; Ex. 6
Subject: RE: Request from VOLKSWAGEN Group of America: RE: Certificate for TG: GVGAV02.0VBD Evap: GVGAR0110VAE Is Waiting To Be Signed

It was 6 copies of each message to each recipient in the office. Using ASTM rounding that's more than 6. ;) -Bill

-----Original Message-----
From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Tuesday, July 07, 2015 3:14 PM
To: Verify; Rodgers, William (EEO)
Cc: Somoza, Sandra; Jackson, Judy; Pugliese, Holly; Ex. 6
Subject: RE: Request from VOLKSWAGEN Group of America: RE: Certificate for TG: GVGAV02.0VBD Evap: GVGAR0110VAE Is Waiting To Be Signed

Bill, was it less than 6 messages? If so I'd say lets ignore it. There were 2 certificates for same test group that I had to resubmit because they had the wrong signature on them.
-Jim

-----Original Message-----
From: Ellinger, Sandy On Behalf Of Verify
Sent: Tuesday, July 07, 2015 2:27 PM
To: Rodgers, William (EEO); Snyder, Jim
Cc: Verify; Somoza, Sandra; Jackson, Judy; Pugliese, Holly
Subject: Request from VOLKSWAGEN Group of America: RE: Certificate for TG: GVGAV02.0VBD Evap: GVGAR0110VAE Is Waiting To Be Signed

July 7, 2015

Dear Mr. Rodgers,

The email you have forwarded appears to be an automatic email sent to you by the VERIFY system. I have copied Jim Snyder of the Light Duty Vehicle Center in Ann Arbor. I believe Jim is your certification rep. Perhaps Jim can help resolve this issue.

Thank you.

Sandy Ellinger

Senior Environmental Employment (SEE) Program US Environmental Protection Agency Office of Transportation and Air Quality Compliance Division * Data Analysis and Information Center
Tel: 734.214.4764 * Fax: 734.214.4053 * Office: N -102 ellinger.sandy@epa.gov * http://epa.gov/otaq/verify/

-----Original Message-----
From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Tuesday, July 07, 2015 12:23 PM
To: Verify
Subject: FW: Certificate for TG: GVGAV02.0VBD Evap: GVGAR0110VAE Is Waiting To Be Signed

We are getting repeats of the attached message over and over. Please cancel them.

Bill Rodgers
Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.
Engineering and Environmental Office
Auburn Hills, MI
(248) 754-4219
william.rodgers@vw.com

-----Original Message-----
From: no-reply@epa.gov [mailto:no-reply@epa.gov]
Sent: Tuesday, July 07, 2015 12:21 PM
To: Allen, Gregory (EEO); Giles, Michael (EEO); Rodgers, William (EEO); Thomas, Richard (EEO); Kata, Leonard (EEO)
Subject: Certificate for TG: GVGAV02.0VBD Evap: GVGAR0110VAE Is Waiting To Be Signed

The following is a courtesy copy of status message for a Verify submission. Any references made to links refer to links which will appear in the CDX Inbox message.

The certificate request for Test Group GVGAV02.0VBD and Evaporative Family GVGAR0110VAE has been approved and is now waiting to be signed. A copy of the signed certificate will be sent as soon as it is available.

The Verify submission this message relates to has the following values:

Test Group Name: GVGAV02.0VBD

The following transaction identifier has been assigned to this request:

_0b883d2b-9416-461d-b3ba-2bce362882de

Please do not reply to this message.

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Kata, Leonard (EEO)
Sent: Mon 7/13/2015 5:24:30 PM
Subject: Jetta 1.4L Shift Light Survey
Customer_Shift_Survey_update_07.03.15.pdf

Hello Jim:

I presented your suggestion regarding establishing shift speeds for the 2016 Jetta 1.4L based on good engineering judgment, supported by a follow-up survey of customers. The factory had considered this option but decided not to follow this approach.

Instead, I have attached a follow-up presentation which addresses your earlier suggestion to examine the survey data for driving experience relevant to the FTP and US06 test cycles. We would like to discuss this approach with you at your earliest convenience. Would you have a time that we could hold another telephone conference, preferably one morning early this week?

Best regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

Fax: (248) 754-4207

E-Mail: leonard.kata@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Allen, Gregory (EEO)[Gregory.Allen@vw.com]
From: Giles, Michael (EEO)
Sent: Mon 7/13/2015 5:13:42 PM
Subject: RE: GVGAV01.4VUP correction

Thanks Jim,

I submitted the correction and another cert request.

Regards,

Mike

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Monday, July 13, 2015 11:39 AM
To: Giles, Michael (EEO)
Subject: RE: GVGAV01.4VUP correction

Okay, it should be unlocked now.

From: Giles, Michael (EEO) [mailto:michael.giles@vw.com]
Sent: Monday, July 13, 2015 11:27 AM
To: Snyder, Jim
Cc: Rodgers, William (EEO); Allen, Gregory (EEO)
Subject: GVGAV01.4VUP correction

Hello Jim,

As we just discussed, the corrected test group data was rejected.

Please reject the existing cert request for this test group and we will try to submit the correction for the engine displacement.

Thanks,

Mike

Michael Giles

Certification Engineer

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4229

Fax: 248 754 4207

mailto: Michael.Giles@VW.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]; Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Allen, Gregory (EEO)
Sent: Fri 7/10/2015 6:38:22 PM
Subject: MY2016 Cert Request - GVGAV00.0VZZ

Hello Jim,

I have uploaded the MY2016 Application for the Volkswagen carryover GVGAV00.0VZZ testgroup (Volkswagen e-Golf, Tier 3 Bin 0, ZEV) and generated the cert request.

Please let us know if you have any questions upon your review.

Regards,

Greg Allen

VWGoA EEO

(248)754-4209

To: Glodich, Jeffrey (J.M.)[jglodich@ford.com]
Cc: 'ball.joel@epa.gov'['ball.joel@epa.gov']; 'RMiller@hatci.com'['RMiller@hatci.com']; 'snyder.jim@epa.gov'['snyder.jim@epa.gov']; 'tommy_chang@ahm.honda.com'['tommy_chang@ahm.honda.com']; 'tom.beierschmitt@tema.toyota.com'['tom.beierschmitt@tema.toyota.com']; brian.mace@horiba.com[brian.mace@horiba.com]; Christopher J Twarog [christopher.twarog@gm.com]; Mccarthy, Chris (C.)[CMCCAR61@ford.com]; Chris Nevers[CNevers@autoalliance.org]; david.woods@chrysler.com[david.woods@chrysler.com]; 'Douglas Reid'[Douglas.Reid@na.mitsubishi-motors.com]; "Beth Perry <eperry@sae.org>" <BethPerry[eperry@sae.orgeperry]; guanghui.cai@gm.com[guanghui.cai@gm.com]; 'Schlueter, Hannah (EASZ/1)'[hannah.schlueter@volkswagen.de]; 'Jeff Foor'[jdf14@chrysler.com]; Jenny.Sigelko@vw.com[Jenny.Sigelko@vw.com]; JNIKEUS@volvocars.com[JNIKEUS@volvocars.com]; Peabody, Jason (J.A.)[jpeabod6@ford.com]; 'Keith Thompson'[Keith.Thompson@bepco.com]; kyle.bedsole@gm.com[kyle.bedsole@gm.com]; 'Marc Belzile'[marc.a.belzile@tc.gc.ca]; 'Duoba, Mike'[mduoba@anl.gov]; Mahrous Michel (FCA) <michel.mahrous@fcagroup.com>[michel.mahrous@fcagroup.com]; mike.timmerman@horiba.com[mike.timmerman@horiba.com]; 'Mahmoud Yassine'[mky@chrysler.com]; 'mark paxton'[mpaxton@ganassi.com]; 'Meyer, Norm'[norm.meyer@tc.gc.ca]; Yuhase, Nicole (L.)[nyuhase@ford.com]; Okawa, Naoyasu (N.)[okawa.n@mazda.co.jp]; 'Berg, Olle ()'[olle.berg@volvocars.com]; Ott, William[ott.william@epa.gov]; Buller, Patrick[patrick.buller@volvocars.com]; Paulina, Carl[paulina.carl@epa.gov]; 'Peter Z. Janosi'[peter.janosi@roush.com]; 'Bob Maxwell'[remaxwell@comcast.net]; 'Roxanne Loeffler'[rloeffler@sae.org]; Dr. Robert Otto Rasmussen, PE [Robotto@TheTranstecGroup.com]; sconrad@hatci.com [sconrad@hatci.com]; Ex. 6 steve.baldus@gm.com[steve.baldus@gm.com]; Suanne.Thomas@vw.com[Suanne.Thomas@vw.com]; Beierschmitt, Thomas (T.A.)[tbeiers1@ford.com]; Vineet Mehta[vineet@teslamotors.com]; William Beggs <william.beggs@gm.com>[william.beggs@gm.com]; william.meschievitz@tema.toyota.com[william.meschievitz@tema.toyota.com]; Wright, DavidA[Wright.DavidA@epa.gov]; yosuke_sato@ahm.honda.com[yosuke_sato@ahm.honda.com]
From: Dennis Pawlak
Sent: Wed 8/26/2015 6:22:15 PM
Subject: Re: Upcoming SAE LDVP Committee Meetings

Those dates are fine with me.

Best Regards,

Dennis M. Pawlak
Manager, Vehicle Verification
Mitsubishi Motors R&D of America, Inc.
dennis.pawlak@na.mitsubishi-motors.com
Office: 734-477-6146 fax: 734-971-0901
Cell: 734-674-4546

############### CONFIDENTIALITY STATEMENT ###############
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##

From: "Glodich, Jeffrey (J.M.)" <jglodich@ford.com>
To: "'ball.joel@epa.gov'" <'ball.joel@epa.gov'>, "Beierschmitt, Thomas (T.A.)" <tbeiers1@ford.com>, "'Berg, Olle ()'" <olle.berg@volvocars.com>, "\"Beth Perry <eperry@sae.org>\" <BethPerry"<eperry@sae.org>, "'Bob Maxwell'" <remaxwell@comcast.net>, "brian.mace@horiba.com" <brian.mace@horiba.com>, "Buller, Patrick" <patrick.buller@volvocars.com>, "'Carl Paulina'" <Paulina.Carl@epamail.epa.gov>, Chris Nevers <CNevers@autoalliance.org>, "Christopher J Twarog " <christopher.twarog@gm.com>, "david.woods@chrysler.com" <david.woods@chrysler.com>, "'Dennis Pawlak'" <Dennis.Pawlak@na.mitsubishi-motors.com>, "'Douglas Reid'" <Douglas.Reid@na.mitsubishi-motors.com>, "Dr. Robert Otto Rasmussen, PE " <Robotto@TheTranstecGroup.com>, "'Duoba, Mike'" <mduoba@anl.gov>, "Glodich, Jeffrey (J.M.)" <jglodich@ford.com>, "guanghui.cai@gm.com" <guanghui.cai@gm.com>, "'Jeff Foor'" <jdf14@chrysler.com>, "Jenny.Sigelko@vw.com" <Jenny.Sigelko@vw.com>, "JNIKEUS@volvocars.com" <JNIKEUS@volvocars.com>, "'Keith Thompson'" <Keith.Thompson@bepco.com>, "kyle.bedsole@gm.com" <kyle.bedsole@gm.com>, "'Mahmoud Yassine'" <mky@chrysler.com>, "Mahrous Michel (FCA) <michel.mahrous@fcagroup.com>" <michel.mahrous@fcagroup.com>, "'Marc Belzile'" <marc.a.belzile@tc.gc.ca>, "'mark paxton'" <mpaxton@ganassi.com>, "Mccarthy, Chris (C.)" <CMCCAR61@ford.com>, "'Meyer, Norm'" <norm.meyer@tc.gc.ca>, "mike.timmerman@horiba.com" <mike.timmerman@horiba.com>, "Okawa, Naoyasu (N.)" <okawa.n@mazda.co.jp>, "Peabody, Jason (J.A.)" <jpeabod6@ford.com>, "'Peter Z. Janosi'" <peter.janosi@roush.com>, "'RMiller@hatci.com'" <'RMiller@hatci.com'>, "'Roxanne Loeffler'" <rloeffler@sae.org>, "'Schlueter, Hannah (EASZ/1)'" <hannah.schlueter@volkswagen.de>, "sconrad@hatci.com " <sconrad@hatci.com>, "'snyder.jim@epa.gov'" <'snyder.jim@epa.gov'>, "Steve Karamihas" <stevemk@umich.edu>, "steve.baldus@gm.com" <steve.baldus@gm.com>, "Suanne.Thomas@vw.com" <Suanne.Thomas@vw.com>, "'tom.beierschmitt@tema.toyota.com'" <'tom.beierschmitt@tema.toyota.com'>, "'tommy_chang@ahm.honda.com'" <'tommy_chang@ahm.honda.com'>, Vineet Mehta <vineet@teslamotors.com>, "William Beggs <william.beggs@gm.com>" <william.beggs@gm.com>, "'William Ott'" <Ott.William@epamail.epa.gov>, "william.meschievitz@tema.toyota.com" <william.meschievitz@tema.toyota.com>, "Wright, DavidA" <Wright.DavidA@epa.gov>, "yosuke_sato@ahm.honda.com" <yosuke_sato@ahm.honda.com>, "Yuhase, Nicole (L.)" <nyuhase@ford.com>
Date: 08/26/2015 12:30 PM
Subject: Upcoming SAE LDVP Committee Meetings

All,

Please send me your input on the following proposed dates for the next J1634 and J2263 meetings:

SAE J1634 Sept 17th

SAE J2263 Sept 24th

Thanks,
Jeff

Jeff Glodich
Ford Motor Company
Vehicle Environmental Regulatory Strategy and Planning
217-E4 WHQ
(313) 845-1579

To: Allen, Gregory (EEO)[Gregory.Allen@vw.com]
From: Snyder, Jim
Sent: Mon 9/21/2015 7:01:33 PM
Subject: etron

Got ur vm but I'm leaving for Ex. 6 Being here sound slike a good idea. Arlene Smithson will call you today or Bill when they know what time tues.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: Snyder, Jim
Location: Conf Call
Importance: Normal
Subject: Accepted: CARB-EPA-VW Diesel Conf Call
Start Date/Time: Thur 9/17/2015 5:00:00 PM
End Date/Time: Thur 9/17/2015 7:00:00 PM

To: Wehrly, Linc[wehrly.linc@epa.gov]
From: Ex. 7 (EEO)
Sent: Tue 6/23/2015 3:39:12 PM
Subject: Automatic reply: VW Group Off-Cycle Review

Thank you for your email, however I am out of the office and will return on June 24th.

Please contact Ex. 7 if you need assistance.

Thanks

Ex. 7

To: Rodgers, William (EEO)[William.Rodgers@vw.com]; Danzeisen, Karen[Danzeisen.Karen@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Vincent E Coleman[vcoleman2@csc.com]; Allen, Gregory (EEO)[Gregory.Allen@vw.com]
From: Snyder, Jim
Sent: Wed 9/16/2015 12:34:37 PM
Subject: RE: Volkswagen Ex. 4 - CBI

Ben confirmed that he received it. He wouldn't say when it will run but didn't immediately dismiss the possibility of next week.

-Jim

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Wednesday, September 16, 2015 7:39 AM
To: Danzeisen, Karen
Cc: Giles, Michael (EEO); Snyder, Jim; Vincent E Coleman; Allen, Gregory (EEO)
Subject: RE: Volkswagen Ex. 4 - CBI

It worked!!!!

Thanks for the help everyone.

@Jim – Can you follow up with Ben to see if next week is still possible for the testing. Our test vehicle arrived yesterday.

Regards,

Bill Rodgers

Emissions Certification Engineer

Volkswagen Group

3800 Hamlin Rd

Auburn Hills, MI 48326

p. (248) 754-4219

From: Danzeisen, Karen [mailto:Danzeisen.Karen@epa.gov]
Sent: Tuesday, September 15, 2015 5:12 PM
To: Rodgers, William (EEO)
Cc: Giles, Michael (EEO); Snyder, Jim
Subject: RE: Volkswagen Ex. 4 - CBI

Hi Bill,

Vince Coleman at the Verify Help Desk has been following your progress on this and let me know a little while ago that you attempted to submit your Ex. 4 - CBI but got an error. It looks like you removed the test details Ex. 4 - CBI for Test Ex. 4 - CBI

Ex. 4 - CBI

Karen

Karen E. Danzeisen
Information Technology Specialist
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov

(734)214-4444

www.epa.gov/nvfel/

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Tuesday, September 15, 2015 10:01 AM
To: Danzeisen, Karen
Cc: Giles, Michael (EEO); Snyder, Jim
Subject: RE: Volkswagen Ex. 4 - CBI

Thanks Karen.

I have successfully submitted a Ex. 4 - CBI

@Jim – Ex. 4 - CBI Of course it's understood that the Ex. 4 - CBI

Regards,

Bill Rodgers

Volkswagen Group

(248) 754-4219

From: Danzeisen, Karen [mailto:Danzeisen.Karen@epa.gov]
Sent: Tuesday, September 15, 2015 9:26 AM
To: Rodgers, William (EEO)
Cc: Giles, Michael (EEO); Snyder, Jim
Subject: RE: Volkswagen Ex. 4 - CBI

Hello Bill,

Thank you for these examples illustrating what's going on. The reason you get an Ex. 4 - CBI Ex. 4 - CBI whatever standards you are entering and then moving on to compile the necessary data to send to our Lab for scheduling. It's at this point that it reaches back to Ex. 4 - CBI grabs the Ex. 4 - CBI The system is not designed to handle tests with Ex. 4 - CBI and that's where the crash occurs.

So, I think the next step is to attempt a Ex. 4 - CBI where you would Ex. 4 - CBI It's possible we may run into some problem because Jim has selected Ex. 4 - CBI tests already, but I think it's worth a try rather than scraping everything right off the bat. If it does work, then the next step would be to proceed to your Ex. 4 - CBI and resubmitting that.

Let me know how it goes.

Karen

Karen E. Danzeisen
Information Technology Specialist
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444

www.epa.gov/nvfel/

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Tuesday, September 15, 2015 8:22 AM
To: Danzeisen, Karen; Snyder, Jim
Cc: Giles, Michael (EEO)
Subject: Volkswagen Ex. 4 - CBI
Importance: High

Hello Karen and Jim,

I have attached the Ex. 4 - CBI report which include all test types required by the Ex. 4 - CBI

Additionally as indicated below we only get a Verify processing error when attempting to submit

Ex. 4 - CBI

Please assist in resolving this matter today to avoid test scheduling problems.

Regards,

Bill Rodgers

Volkswagen Group

(248) 754-4219

There was a problem processing your request

From

Verify Administrator

Date

9/15/2015 7:44:33 AM

There was an unexpected error processing your submission. Please retry your submission at a later date. If you continue to receive this message please contact the

Verify Helpdesk. It can be reached through email (verifyhelp@csc.com) or by phone (1-888-890-1995 and choose option 4).

The rejection occurred at Tue Sep 15 07:44:21 EDT 2015 while processing document:

Ex. 4 - CBI

Vehicle ID: Ex. 4 - CBI

Vehicle Configuration #: 0

Transaction Identifier: Ex. 4 - CBI

To: Giles, Michael (EEO)[michael.giles@vw.com]; Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Mon 9/14/2015 9:45:11 PM
Subject: FW: VW Group - Ex. 4 - CBI

Mike can you send her your XML and error report?

From: Danzeisen, Karen
Sent: Monday, September 14, 2015 5:36 PM
To: Snyder, Jim
Subject: RE: VW Group - Ex. 4 - CBI

Jim,

Without looking at their processing report that includes the submitted XML and the error msg, it's hard for me to say if anything else needs to be done in the Ex. 4 - CBI submission. I'm a little confused that he mentions Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI

Sorry this is such a hassle… until the Lab changes how they accept data from us we're kind of stuck with these special case problems.

Karen

Karen E. Danzeisen
Information Technology Specialist
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444

www.epa.gov/nvfel/

From: Snyder, Jim
Sent: Monday, September 14, 2015 5:11 PM
To: Danzeisen, Karen
Subject: FW: VW Group - Ex. 4 - CBI

Karen , Bill went home and Mike took over. Ex. 4 - CBI

Ex. 4 - CBI

From: Giles, Michael (EEO) [mailto:michael.giles@vw.com]
Sent: Monday, September 14, 2015 4:51 PM
To: Snyder, Jim
Cc: Rodgers, William (EEO)
Subject: VW Group - Ex. 4 - CBI

Ho Jim,

I was unable to submit a trimmed down supplemental XML with only a few tags for the Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI

Mike

Michael Giles

Certification Engineer

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone: 248 754 4229

Fax: 248 754 4207

mailto: Michael.Giles@VW.com

To: Danzeisen, Karen[Danzeisen.Karen@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Mon 9/14/2015 7:38:13 PM
Subject: RE: VW Ex. 4 - CBI

Ex. 4 - CBI
Ex. 4 - CBI is that correct Bill?

From: Danzeisen, Karen
Sent: Monday, September 14, 2015 3:33 PM
To: Snyder, Jim
Subject: RE: VW Ex. 4 - CBI

If the error snippet shown below is what they most recently submitted, then it seems like they are

Ex. 4 - CBI

Ex. 4 - CBI

Thanks,

Karen

From: Snyder, Jim
Sent: Monday, September 14, 2015 3:24 PM
To: Danzeisen, Karen
Subject: FW: VW Ex. 4 - CBI

Looks like it didn't work.

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Monday, September 14, 2015 3:14 PM
To: Snyder, Jim; verifyhelp@csc.com
Subject: RE: VW Ex. 4 - CBI

Correct Jim.

Ex. 4 - CBI

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Monday, September 14, 2015 3:12 PM
To: Rodgers, William (EEO); verifyhelp@csc.com
Subject: RE: VW processing error

Ex. 4 - CBI

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Monday, September 14, 2015 3:09 PM
To: verifyhelp@csc.com
Cc: Snyder, Jim
Subject: VW Ex. 4 - CBI

Ex. 4 - CBI

Transaction Status Details

Ex. 4 - CBI

Bill Rodgers

Volkswagen Group

248-754-4219

There was a problem processing your request

From

Verify Administrator

Date

9/14/2015 2:57:50 PM

There was an unexpected error processing your submission. Please retry your submission at a later date. If you continue to receive this message please contact the Verify Helpdesk. It can be reached through email (verifyhelp@csc.com) or by phone (1-888-890-1995 and choose option 4).

The rejection occurred at Mon Sep 14 14:57:18 EDT 2015 while processing document:

Ex. 4 - CBI

Vehicle ID: Ex. 4 - CBI

Vehicle Configuration #: 0

Transaction Identifier: _ Ex. 4 - CBI

Regards,

Bill Rodgers

EEO

To: Ex. 7
Cc: Ex. 7
From: Wehrly, Linc
Sent: Wed 7/15/2015 1:27:53 PM
Subject: RE: GHG Off-cycle credits

Thanks!

Linc Wehrly

Director, Light-Duty Vehicle Center

Compliance Division

Office of Transportation and Air Quality

United States Environmental Protection Agency

(734) 214-4286

wehrly.linc@epa.gov

From: Ex. 7 @vw.com]
Sent: Wednesday, July 15, 2015 8:40 AM
To: Wehrly, Linc
Cc: Ex. 7
Subject: RE: GHG Off-cycle credits

No problem, please see attached. Thanks again for the discussion.

From: Wehrly, Linc [mailto:wehrly.linc@epa.gov]
Sent: Tuesday, July 14, 2015 4:25 PM
To: Ex. 7
Subject: GHG Off-cycle credits

Nick,

Could you please send me an electronic version of the presentation you shared with me last Friday?

Thanks,

Linc

Linc Wehrly

Director, Light-Duty Vehicle Center

Compliance Division

Office of Transportation and Air Quality

United States Environmental Protection Agency

(734) 214-4286

wehrly.linc@epa.gov

From: Wehrly, Linc
Location: Ann Arbor Lab
Importance: Normal
Subject: Accepted: Off-Cycle Tech Discussion
Start Date/Time: Fri 7/10/2015 5:00:00 PM
End Date/Time: Fri 7/10/2015 6:00:00 PM

To: Ex. 7

Ex. 7

From: Wehrly, Linc
Sent: Tue 6/23/2015 3:39:08 PM
Subject: RE: VW Group Off-Cycle Review

Nick,

That would be fine. Check your schedules and propose a new date.

Linc

Linc Wehrly
Director, Light-Duty Vehicle Center
Compliance Division
Office of Transportation and Air Quality
United States Environmental Protection Agency
(734) 214-4286
wehrly.linc@epa.gov

-----Original Appointment-----
From: Ex. 7 @vw.com]
Sent: Tuesday, June 23, 2015 10:38 AM
To: Ex. 7
Ex. 7
Subject: Canceled: VW Group Off-Cycle Review
When: Thursday, June 25, 2015 1:00 PM-2:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: EPA Offices
Importance: High

Hello Linc, Rob,

Unfortunately I need to ask if we can postpone our discussion regarding some future off-cycle technologies. With the holidays coming up, could we look at sometime after the 4th? I will check on our side and forward some proposals.

Thanks for understanding and we will follw-up soon,
Ex. 7

From: Wehrly, Linc
Importance: Normal
Subject: Meeting Forward Notification: VW Group Off-Cycle Review
Start Date/Time: Tue 6/23/2015 1:00:00 PM
End Date/Time: Tue 6/23/2015 1:30:00 PM

Your meeting was forwarded

Wehrly, Linc has forwarded your meeting request to additional people.

Meeting
VW Group Off-Cycle Review

Meeting Time
Thursday, June 25, 2015 1:00 PM - Thursday, June 25, 2015 2:00 PM

Recipients
Fearnside, Judy

All times listed are in the following time zone: (UTC-05:00) Eastern Time (US & Canada)

From: Wehrly, Linc
Location: EPA Offices
Importance: Normal
Subject: Accepted: VW Group Off-Cycle Review
Start Date/Time: Thur 6/25/2015 5:00:00 PM
End Date/Time: Thur 6/25/2015 6:00:00 PM

To: Ex. 7
Cc:
Ex. 7
From: Wehrly, Linc
Sent: Tue 6/9/2015 8:13:40 PM
Subject: RE: VW Group Off-Cycle Concepts Review

Ex. 7

Next week would be fine, but I will out Thursday and Friday, so it will have to be before that. Let me know if you are available or whether you want to wait another week.

Regards,

Linc

Linc Wehrly

Director, Light-Duty Vehicle Center

Compliance Division

Office of Transportation and Air Quality

United States Environmental Protection Agency

(734) 214-4286

wehrly.linc@epa.gov

From: Ex. 7
Sent: Tuesday, June 09, 2015 9:21 AM
To: Wehrly, Linc; French, Roberts
Cc: Ex. 7
Subject: VW Group Off-Cycle Concepts Review

Hi Linc, Rob,

Various departments throughout our organization have been approaching us with concepts for advanced technologies which may Ex. 4, 7

Ex. 4, 7

We would like to set-up a brief introductory review of the technologies with you both just to get the concepts in front of you and start the discussion on t Ex. 4, 7

Ex. 4, 7

Nothing formal, just a few slides on each concept. Could we look at scheduling an hour sometime for later next week? Probably just Len, Stuart, and myself from our side. At this point, we have Ex. 4, 7 being discussed.

Thanks,

Ex. 7

Ex. 7

Engineering and Environmental Office

Volkswagen Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326

Ex. 7

From: Ex. 7
Location: Ann Arbor Lab
Importance: Normal
Subject: Off-Cycle Tech Discussion
Start Date/Time: Fri 7/10/2015 5:00:00 PM
End Date/Time: Fri 7/10/2015 6:00:00 PM

;
Reschedule from last week.
Quick overview of some off-cycle technologies