5/29/2019 Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE CD 5/29/19

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: Yes	Tag: 0101-000
Location: EAST END OF UNIT- 5FT EAST OF REFRIGE ACCUMULATOR PV17.029	Service Type: LIGHT LIQUID	Size:12
Type: FLANGE	Initial Reading: 3977	Equipment: 300-PV17.029
Leak Source: FLANGE	Inspection Date: 05/01/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-29-20

Operations Representative: [signature] 5-29-19
Signature Date

LDAR Team Representative: Michael D. Bowen 5.29.2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5.29.19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

1/2/2019

Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

1/2/19

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: Yes	Tag: 0126-002
Location: EAST END OF UNIT-NORTH END OF REFRIGE ACCUMULATOR PV17.	Service Type: GAS / VAPOR	Size:0.75
Type: 029-OVERHEAD (LADDER/EXT PROBE) SCREWED CONNECTOR	Initial Reading: 5139	Equipment: 300-PV17.029
Leak Source: SCREWED CONNECTOR	Inspection Date: 12/03/2018	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☒ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 1-2-20

Operations Representative: [signature] 1-2-19
Signature Date

LDAR Team Representative: Michael D. Bowen 1·2·2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 1·2·19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/30/2019

Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

CD 5/30/19

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 1011-002
Location: 1ST LVL STRUCTURE, EAST SIDE OF HT16.013	Service Type: GAS / VAPOR	Size:0.5
Type: SCREWED CONNECTOR	Initial Reading: 9508	Equipment: 300-HT16.013
Leak Source: SCREWED CONNECTOR	Inspection Date: 05/01/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-30-20

Operations Representative: [signature] 5-30-19
Signature Date

LDAR Team Representative: Michael D Bowen 5-30-2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5-30-19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/13/2019

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE PW 5/13/19

Lonestar Mont Belvieu FVAC3

Area: 01	HRVOC: No	Tag: 1058-000
Location: 1ST LVL STRUCTURE-20FT WEST OF HT16.013-OVERHEAD (LADDER/EXT PROBE)	Service Type: LIGHT LIQUID	Size:10
Type: FLANGE	Initial Reading: 640	Equipment: 300-FL20.002
Leak Source: FLANGE	Inspection Date: 05/02/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-13-20

Operations Representative: [signature] 5-13-19
Signature Date

LDAR Team Representative: Michael O. Bowen 5·13·2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5·13·19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

8/23/2018

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

Lonestar Mont Belvieu Frac 3

8/23/18

Area: 01	HRVOC: No	Tag: 1117-000
Location: 1ST LVL STRUCTURE BELOW HT16.018	Service Type: LIGHT LIQUID	Size:24
Type: FLANGE	Initial Reading: 1308	Equipment: 300-HT16.018
Leak Source: FLANGE	Inspection Date: 08/09/2018	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 8-23-19

Operations Representative: [signature] 8-23-18
Signature Date

LDAR Team Representative: Michael D. Bowen 8-23-2018
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 8-23-18
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/21/2019

Resign

1@ 5/21/19

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 1129-001
Location: 1ST LVL STRUCTURE-EAST SIDE OF HT16.018	Service Type: GAS / VAPOR	Size:10
Type: FLANGE	Initial Reading: 14570	Equipment: 300-HT16.018
Leak Source: FLANGE	Inspection Date: 05/01/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☒ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-21-20

Operations Representative: [signature] 5-21-19
Signature Date

LDAR Team Representative: Michael A. Bowen 5-21-2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5-21-19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/30/2019

Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE (1) 5/29/19

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 1151-000
Location: 1ST LVL STRUCTURE BY NORTHWEST CORNER	Service Type: GAS / VAPOR	Size:20
Type: FLANGED MOTOR OPERATED VALVE	Initial Reading: 1450	Equipment: CM12.002
Leak Source: VALVE PACKING	Inspection Date: 05/01/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☒ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-29-20

Operations Representative: [signature] 5-29-19
Signature Date

LDAR Team Representative: Michael D. Bowen 5-29-2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5-29-19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/30/2019 Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE CD 5/30/19

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: Yes	Tag: 1477-000
Location: 3RD LVL STRUCTURE-BY NORTH RAIL	Service Type: GAS / VAPOR	Size:16
Type: FLANGED CONTROL VALVE	Initial Reading: 6600	Equipment: 300-PV17.027
Leak Source: VALVE PACKING	Inspection Date: 05/01/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☒ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-30-20

Operations Representative: [signature] 5-30-19
Signature Date

LDAR Team Representative: Michael O. Bowen 5.30.2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5.30.19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

1/2/2019

Resign

KD 1/2/19

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC/HRVOC SERVICE

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 1577-004
Location: 3RD LVL STRUCTURE-BY NORTHWEST RAIL	Service Type: GAS / VAPOR	Size:0.75
Type: PLUG	Initial Reading: 6709	Equipment: 300-PV17.017
Leak Source: PLUG	Inspection Date: 12/03/2018	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 1-2-20

Operations Representative: _____ 1-2-19
Signature Date

LDAR Team Representative: Michael D. Bowen 1.2.2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: _____ 1.2.19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/13/2019

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

KD 5/13/19

Lonestar Mont Belvieu FRAC 3

Area: 01	HRVOC: Yes	Tag: 1625-000
Location: 3RD LVL STRUCTURE-WEST SIDE OF PV17.028-OVERHEAD(EXT PROBE)	Service Type: GAS / VAPOR	Size:0.75
Type: SCREWED PROCESS VALVE	Initial Reading: 609	Equipment: 300-PV17.028
Leak Source: VALVE PACKING	Inspection Date: 05/02/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-13-20

Operations Representative: [signature] 5-13-19
Signature Date

LDAR Team Representative: Michael D. Bowen 5.13.2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5.13.19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/21/2019

Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

OD 5/21/19

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 1678-001
Location: 3RD LVL STRUCTURE-OVER WEST RAIL	Service Type: GAS / VAPOR	Size:1.5
Type: PLUG	Initial Reading: 699	Equipment: 300-PV17.028
Leak Source: PLUG	Inspection Date: 05/01/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☒ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-21-20

Operations Representative: [signature] 5-21-19
Signature Date

LDAR Team Representative: Michael D. Bowen 5-21-2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5-21-19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/30/2019

Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

ICD 5/30/19

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 1748-000
Location: 3RD LVL STRUCTURE-PLATFORM ABOVE STAIRWELL	Service Type: GAS / VAPOR	Size:20
Type: FLANGED PROCESS VALVE	Initial Reading: 512	Equipment: PV17.003
Leak Source: VALVE PACKING	Inspection Date: 05/01/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-30-20

Operations Representative: [signature] 5-30-19
Signature Date

LDAR Team Representative: Michael D. Bowen 5.30.2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5.30.19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

2/18/2019

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

(CD) 2/18/19

Lonestar Mont Belvieu FrAC 3

Area: 01	HRVOC: No	Tag: 1768-000
Location: BELOW STRUCTURE-30FT NORTHEAST OF STAIRWELL-OVERHEAD (EXT PROBE)	Service Type: LIGHT LIQUID	Size:8
Type: FLANGE	Initial Reading: 2211	Equipment: 300-HT16.013
Leak Source: FLANGE	Inspection Date: 02/05/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 2-18-20

Operations Representative: [signature] 2-18-19
Signature Date

LDAR Team Representative: Michael D. Bowen 2-18-2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 2-18-19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

11/21/2018

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

CD 11/20/18

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 2014-002
Location: 1ST LVL TOWER PV17. 002-SOUTHWEST SIDE	Service Type: LIGHT LIQUID	Size:0.75
Type: SCREWED CONNECTOR	Initial Reading: 3984	Equipment: 300-PV17.002
Leak Source: SCREWED CONNECTOR	Inspection Date: 11/12/2018	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 11-20-19

Operations Representative: [signature] 11-20-18
Signature Date

LDAR Team Representative: [signature] 11-20-2018
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 11-20-18
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/21/2019

Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

VD 5/21/19

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 2021-002
Location: 1ST LVL TOWER PV17. 002-SOUTHWEST SIDE	Service Type: LIGHT LIQUID	Size:0.75
Type: SCREWED CONNECTOR	Initial Reading: 11562	Equipment: 300-PV17.002
Leak Source: SCREWED CONNECTOR	Inspection Date: 05/01/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-21-20

Operations Representative: [signature] 5-21-19
Signature Date

LDAR Team Representative: [signature] 5.21.2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5-21-19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

1/2/2019

Resign

CD 1/2/19

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC.HRVOC SERVICE

Lonestar Mont Belvieu Ptac 3

Area: 01	HRVOC: No	Tag: 2035-001
Location: 1ST LVL TOWER PV17. 002-SOUTHWEST SIDE	Service Type: LIGHT LIQUID	Size:0.75
Type: SCREWED CONNECTOR	Initial Reading: 9989	Equipment: 300-PV17.002
Leak Source: SCREWED CONNECTOR	Inspection Date: 12/03/2018	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 1-2-20

Operations Representative: [signature] 1-2-19
Signature Date

LDAR Team Representative: [signature] 1-2-2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 1-2-19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

9/12/2018

Resign

KD 9/12/18

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 2035-002
Location: 1ST LVL TOWER PV17. 002-SOUTHWEST SIDE	Service Type: LIGHT LIQUID	Size:0.75
Type: SCREWED CONNECTOR	Initial Reading: 1048	Equipment: 300-PV17.002
Leak Source: SCREWED CONNECTOR	Inspection Date: 09/06/2018	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 9-12-19

Operations Representative: [signature] 9-12-18
Signature Date

LDAR Team Representative: [signature] 9.12.2018
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 9-12-18
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/13/2019

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

Lonestar Mont Belvieu FRAC 3

(D) 5/13/19

Area: 01	HRVOC: No	Tag: 2098-001
Location: 1ST LVL K.O. DRUM PV17.017	Service Type: LIGHT LIQUID	Size:0.75
Type: SCREWED CONNECTOR	Initial Reading: 19615	Equipment: 300-PV17.017
Leak Source: SCREWED CONNECTOR	Inspection Date: 05/02/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-13-20

Operations Representative: [signature] 5-13-19
Signature Date

LDAR Team Representative: Michael D. Bowen 5.13.2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5.13.19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

8/23/2018

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

(1) 8/23/18

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 2098-002
Location: 1ST LVL K.O. DRUM PV17.017	Service Type: LIGHT LIQUID	Size:0.75
Type: SCREWED CONNECTOR	Initial Reading: 1547	Equipment: 300-PV17.017
Leak Source: SCREWED CONNECTOR	Inspection Date: 08/09/2018	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☒ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 8-23-19

Operations Representative: [signature] 8-23-18
Signature Date

LDAR Team Representative: Ufuhan O. Bowen 8-23-2018
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 8-23-18
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/21/2019

Resign

VO 5/21/19

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 2118-001
Location: 1ST LVL K.O. DRUM PV17.017-OFF OF LADDER	Service Type: GAS / VAPOR	Size:0.5
Type: SCREWED CONNECTOR	Initial Reading: 534	Equipment: 300-PV17.017
Leak Source: SCREWED CONNECTOR	Inspection Date: 05/01/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-21-20

Operations Representative: [signature] 5-21-19
Signature Date

LDAR Team Representative: Michael O. Bowen 5-21-2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5-21-19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/13/2019

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE VD 5/13/19

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 2259-002
Location: SOUTH SIDE OF CM12.002-OVERHEAD (EXT PROBE)	Service Type: GAS / VAPOR	Size:0.75
Type: TUBING CONNECTOR	Initial Reading: 15665	Equipment: CM12.002
Leak Source: TUBING CONNECTOR	Inspection Date: 05/02/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☒ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-13-20

Operations Representative: [signature] 5-13-19
Signature Date

LDAR Team Representative: Michael D. Bowen 5·13·2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5·13·19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

9/20/2018 Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE 1CW 9/20/18

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 3078-001
Location: FUEL GAS SKID NORTHEAST OF HOT OIL HEATER	Service Type: GAS / VAPOR	Size:0.25
Type: SCREWED CONNECTOR	Initial Reading: 1145	Equipment: HR15.001
Leak Source: SCREWED CONNECTOR	Inspection Date: 09/07/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 9-20-19

Operations Representative: [signature] 9-20-18
Signature Date

LDAR Team Representative: Michael D. Bowen 9.20.2018
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 9.20.18
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

9/20/2018 Resign VD 9/20/18

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 3292-001
Location: UNDER HEATER HR15.001-OVERHEAD (EXT PROBE)	Service Type: GAS / VAPOR	Size:0.75
Type: TUBING CONNECTOR	Initial Reading: 6006	Equipment: HR15.001
Leak Source: TUBING CONNECTOR	Inspection Date: 09/07/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 9-20-19

Operations Representative: [signature] 9-20-18
Signature Date

LDAR Team Representative: Michael D. Bowen 9.20.2018
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: Kristin Norwood 9.20.18
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

9/20/2018 Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE 9/20/18

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 3300-001
Location: UNDER HEATER HR15.001-OVERHEAD	Service Type: GAS / VAPOR	Size:0.75
Type: SCREWED CONNECTOR	Initial Reading: 786	Equipment: HR15.001
Leak Source: SCREWED CONNECTOR	Inspection Date: 09/07/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☒ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 9-20-19

Operations Representative: [signature] 9-20-18
Signature Date

LDAR Team Representative: Michael W. Bowen 9.20.2018
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: Kristy Norwood 9.20.18
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

9/20/2018

Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

KD 9/20/18

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 3301-001
Location: UNDER HEATER HR15.001	Service Type: GAS / VAPOR	Size:0.75
Type: SCREWED CONNECTOR	~~Initial~~ Reading: 644	Equipment: HR15.001
Leak Source: SCREWED CONNECTOR	Inspection Date: 09/07/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 9-20-19

Operations Representative: [signature] 9-20-18
Signature Date

LDAR Team Representative: Michael D. Bowen 9.20.2018
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 9.20.18
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/30/2019

Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

ICD 5/30/19

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 3352-000
Location: UNDER HEATER HR15.001	Service Type: GAS / VAPOR	Size:2
Type: FLANGE	Initial Reading: 610	Equipment: HR15.001
Leak Source: FLANGE	Inspection Date: 09/06/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-30-20

Operations Representative: [signature] 5-30-19
Signature Date

LDAR Team Representative: Michael O. Bowen 5.30.2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5.30.19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

9/20/2018

Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

9/20/18

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 3361-001
Location: UNDER HEATER HR15.001-OVERHEAD (EXT PROBE)	Service Type: GAS / VAPOR	Size:0.75
Type: TUBING CONNECTOR	Initial Reading: 2483	Equipment: HR15.001
Leak Source: TUBING CONNECTOR	Inspection Date: 09/06/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☒ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 9-20-19

Operations Representative: [signature] 9-20-18
Signature Date

LDAR Team Representative: Michael D. Bowen 9.20.2018
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: Kristie Norwood 9.20.18
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

Resign

9/20/2018

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

KD 9/20/18

Lonestar Mont Belvieu Frac3

Area: 01	HRVOC: No	Tag: 3366-001
Location: UNDER HEATER HR15.001-OVERHEAD (EXT PROBE)	Service Type: GAS / VAPOR	Size:0.75
Type: TUBING CONNECTOR	Initial Reading: 691	Equipment: HR15.001
Leak Source: TUBING CONNECTOR	Inspection Date: 09/06/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☒ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 9-20-19

Operations Representative: [signature] 9-20-18
Signature Date

LDAR Team Representative: Michael D. Bowen 9.20.2018
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: Krista Worrell 9.20.18
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

9/20/2018

Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

9/20/18

Lonestar Mont Belvieu FREC 3

Area: 01	HRVOC: No	Tag: 3373-001
Location: UNDER HEATER HR15.001-OVERHEAD (EXT PROBE)	Service Type: GAS / VAPOR	Size:0.75
Type: TUBING CONNECTOR	Initial Reading: 959	Equipment: HR15.001
Leak Source: TUBING CONNECTOR	Inspection Date: 09/06/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☒ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 9-20-19

Operations Representative: [signature] 9-20-18
Signature Date

LDAR Team Representative: Michael D. Bowen 9.20.2018
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: Kristin Novosad 9.20.18
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

Resign

9/20/2018

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

9/20/18

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 3437-001
Location: UNDER HEATER HR15.001-OVERHEAD	Service Type: GAS / VAPOR	Size:0.75
Type: TUBING CONNECTOR	Initial Reading: 3755	Equipment: HR15.001
Leak Source: TUBING CONNECTOR	Inspection Date: 09/06/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 9-20-19

Operations Representative: [signature] 9-20-18
Signature Date

LDAR Team Representative: Michael D. Bowen 9.20.2018
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: Kristin Novosad 9.20.18
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

9/20/2018

Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE 9/20/18

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 3451-000
Location: UNDER HEATER HR15.001-OVERHEAD	~~Service~~ Type: GAS / VAPOR	Size:0.75
Type: SCREWED CONNECTOR	Initial Reading: 692	Equipment: HR15.001
Leak Source: SCREWED CONNECTOR	Inspection Date: 09/06/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 9-20-19

Operations Representative: [signature] 9-20-18
Signature Date

LDAR Team Representative: Michael O. Bowen 9.20.2018
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: Kristin Lorand 9.20.18
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

Resign

9/20/2018

KD 9/20/18

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

Lonestar Mont Belvieu HRVOC 3

Area: 01	HRVOC: No	Tag: 3617-000
Location: UNDER HEATER HR15.001	Service ~~Type~~: GAS / VAPOR	Size:2
Type: FLANGED MOTOR OPERATED VALVE	Initial Reading: 3714	Equipment: HR15.001
Leak Source: VALVE PACKING	Inspection Date: 09/06/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 9-20-19

Operations Representative: [signature] 9-20-18
Signature Date

LDAR Team Representative: Ufuhal D. Bowen 9.20.2018
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: Kristin Novosad 9.20.18
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

9/20/2018 Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE 9/20/18

Lonestar Mont Belvieu HRAC 3

Area: 01	HRVOC: No	Tag: 3756-000
Location: UNDER HEATER HR15.002	Service Type: GAS / VAPOR	Size:2
Type: FLANGED MOTOR OPERATED VALVE	Initial Reading: 32400	Equipment: HR15.002
Leak Source: VALVE PACKING	Inspection Date: 09/07/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☒ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 9-20-19

Operations Representative: [signature] 9-20-18
Signature Date

LDAR Team Representative: [signature] 9-20-2018
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: Krista Norwood 9-20-18
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/29/2019

Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

5/29/19

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 3765-000
Location: UNDER HEATER HR15.002	Service Type: GAS / VAPOR	Size:0.5
Type: TEE	Initial Reading: 1577	Equipment: HR15.002
Leak Source: TEE	Inspection Date: 09/29/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-29-20

Operations Representative: [signature] 5-29-19
Signature Date

LDAR Team Representative: Michael D. Bowen 5·29·2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5·29·19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

9/20/2018

Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE CD 9/20/18

Lonestar Mont Belvieu HRUC 3

Area: 01	HRVOC: No	Tag: 3794-000
Location: UNDER HEATER HR15.002	Service Type: GAS / VAPOR	Size:2
Type: FLANGED MOTOR OPERATED VALVE	Initial Reading: 4524	Equipment: HR15.002
Leak Source: VALVE PACKING	Inspection Date: 09/07/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 9-20-19

Operations Representative: [signature] 9-20-18
Signature Date

LDAR Team Representative: Michael D. Bowen 9.20.2018
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 9-20-18
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/29/2019 Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE KD 5/29/19

Lonestar Mont Belvieu FRAC 3

Area: 01	HRVOC: No	Tag: 3800-000
Location: UNDER HEATER HR15.002	Service Type: GAS / VAPOR	Size:0.5
Type: TEE	Initial Reading: 3536	Equipment: HR15.002
Leak Source: TEE	Inspection Date: 05/19/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-29-20

Operations Representative: [signature] 5-29-19
Signature Date

LDAR Team Representative: William D. Bowen 5·29·2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5·29·19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

6/3/2019

Resign

NOTIFICATION OF ~~DELAY~~ OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

Lonestar Mont Belvieu Frac 3

6/3/19

Area: 01	HRVOC: No	Tag: 3873-000
Location: UNDER HEATER HR15.002	Service Type: GAS / VAPOR	Size:0.5
Type: TEE	Initial Reading: 17097	Equipment: HR15.002
Leak Source: TEE	Inspection Date: 05/23/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 6-3-20

Operations Representative: [signature] 6-3-19
Signature Date

LDAR Team Representative: Michael D. Bowen 6-3-2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 6-3-19
Signature Date

Instrument ID#: _____

EMSI Tech: _____

Background Reading: _____

Repair Method: _____

Start Time: _____

Component Repair Date: _____

Component In Service Date: _____

Component Remonitor Date: _____

Remonitor Reading: _____

End Time: _____

6/3/2019 Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE 6/3/19

Lonestar Mont Belvieu FRAC 3

Area: 01	HRVOC: No	Tag: 3873-001
Location: UNDER HEATER HR15.002	Service Type: GAS / VAPOR	Size:0.5
Type: PLUG	Initial Reading: 6396	Equipment: HR15.002
Leak Source: PLUG	Inspection Date: 05/23/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 6-3-20

Operations Representative: _____ 6-3-19
Signature Date

LDAR Team Representative: Michael D. Bowen 6-3-2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: _____ 6-3-19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/30/2019

Resign

VCP 5/30/19

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 3954-000
Location: RV DECK NORTH OF HEATER	Service Type: GAS / VAPOR	Size:3
Type: FLANGED RELIEF VALVE	Initial Reading: 21666	Equipment: HT16.003
Leak Source: VALVE PACKING	Inspection Date: 05/01/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☒ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-30-20

Operations Representative: [signature] 5-30-19
Signature Date

LDAR Team Representative: Michael A Bowen 5.30.2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5.30.19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/21/2019

Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

CD 5/21/19

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 4662-000
Location: SOUTH SIDE OF FEED COALESCER PV17.005	Service Type: LIGHT LIQUID	Size:80
Type: MANWAY	Initial Reading: 1299	Equipment: PV17.005
Leak Source: MANWAY	Inspection Date: 03/14/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-21-20

Operations Representative: [signature] 5-21-19
Signature Date

LDAR Team Representative: Michael D Bowen 5-21-2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5-21-19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/21/2019

Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

VW 5/21/19

Lonestar Mont Belvieu Frac 3

Area: 01	HRVOC: No	Tag: 4722-000
Location: SOUTH SIDE OF #2 AMINE COALESCER PV17.054-OVERHEAD (EXT PROBE)	Service Type: LIGHT LIQUID	Size:80
Type: MANWAY	Initial Reading: 540	Equipment: PV17.054
Leak Source: MANWAY	Inspection Date: 05/01/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 5-21-20

Operations Representative: [signature] 5-21-19
Signature Date

LDAR Team Representative: Michael O. Bowen 5.21.2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5.21.19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

8/11/2016

KD 8/12/16

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

Lonestar Mont Belvieu

Area: ~~03~~ 01 Frac 3	HRVOC: No	Tag: 39208-000
Location: 20FT NORTH OF METER SKID 8000	Service Type: GAS / VAPOR	Size:12
Type: FLANGED MOTOR OPERATED VALVE	Initial Reading: 7365	Equipment: MS-8000
Leak Source: VALVE PACKING	Inspection Date: 07/28/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 8-12-2021

Operations Representative: [signature] 8-12-2016
Signature Date

LDAR Team Representative: [signature] 8-12-16
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 8-12-16
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

8/11/2016

KP 8/12/16

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

Lonestar Mont Belvi

Area: ~~03~~ 01	HRVOC: No	Tag: 39210-000
Location: 20FT NORTH OF METER SKID 8000	Service Type: GAS / VAPOR	Size:12
Type: FLANGED MOTOR OPERATED VALVE	Initial Reading: 1528	Equipment: MS-8000
Leak Source: VALVE PACKING	Inspection Date: 07/28/2016	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 8-12-2021

Operations Representative: _____ Signature 8-12-2016 Date

LDAR Team Representative: _____ Signature 8-12-16 Date

For EMSI Use Only:

DOR Tag Hung By Technician: _____ Signature 8-12-16 Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

6/18/2019

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE KD 6/18/19

Lonestar Mont Belvieu Frac 3

Area: 02	HRVOC: No	Tag: 6351-000
Location: WEST SIDE OF REFLUX COOLING TOWER HT16.029 @ CONTROL LOOPS	Service Type: LIGHT LIQUID	Size:6
Type: FLANGED PROCESS VALVE	Initial Reading: 4521	Equipment: HT16.029
Leak Source: TAP	Inspection Date: 06/03/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☒ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 6-18-20

Operations Representative: [signature] 6-18-19
Signature Date

LDAR Team Representative: Michael D. Bowen 6·18·2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 6·18·19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

6/18/2019 Resign

NOTIFICATION OF DELAY OF ~~REPAIR~~ FOR COMPONENTS IN VOC HRVOC SERVICE KD 6/18/19

Lonestar Mont Belvieu Frac 3

Area: 02	HRVOC: No	Tag: 6416-001
Location: CONTROL LOOP WEST SIDE OF REFLUX COOLING TOWER HT16.029	Service Type: LIGHT LIQUID	Size:6
Type: FLANGE	Initial Reading: 508	Equipment: HT16.029
Leak Source: FLANGE	Inspection Date: 06/03/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 6-18-20

Operations Representative: [signature] 6-18-19
Signature Date

LDAR Team Representative: Michael D. Bowen 6-18-2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 6-18-19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

6/18/2019

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE KD 6/18/19

Lonestar Mont Belvieu Frac 3

Area: 02	HRVOC: No	Tag: 7486-001
Location: DE-ISO COMPRESSOR CM12. 003A-OVERHEAD (EXT PROBE)	Service Type: GAS / VAPOR	Size:0.5
Type: SCREWED CONNECTOR	Initial Reading: 646	Equipment: CM12.003A
Leak Source: SCREWED CONNECTOR	Inspection Date: 06/04/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 6-18-20

Operations Representative: [signature] 6-18-19
Signature Date

LDAR Team Representative: Michael D. Bowen 6-18-2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 6·18·19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

6/18/2019

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

CD 6/18/19

Lonestar Mont Belvieu Frac 3

Area: 02	HRVOC: No	Tag: 7558-002
Location: DE-ISO COMPRESSOR CM12. 003B-OVERHEAD (EXT PROBE)	Service Type: GAS / VAPOR	Size:0.75
Type: TUBING CONNECTOR	Initial Reading: 501	Equipment: CM12.003B
Leak Source: TUBING CONNECTOR	Inspection Date: 06/04/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☒ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 6-18-20

Operations Representative: [signature] 6-18-19
Signature Date

LDAR Team Representative: Michael D. Bowen 6-18-2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 6-18-19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

6/18/2019

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE VW 6/18/19

Lonestar Mont Belvieu Frac 3

Area: 02	HRVOC: No	Tag: 7897-001
Location: DE-ISO COMPRESSOR CM12. 003B-OVERHEAD (EXT PROBE)	Service Type: GAS / VAPOR	Size:0.5
Type: SCREWED CONNECTOR	Initial Reading: 34792	Equipment: CM12.003B
Leak Source: SCREWED CONNECTOR	Inspection Date: 06/06/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 6-18-20

Operations Representative: [signature] 6-18-19
Signature Date

LDAR Team Representative: Michael D. Bowen 6-18-2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 6-18-19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

4/2/2019

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE CD 4/2/19

Lonestar Mont Belvieu Frac 3

Area: 02	HRVOC: Yes	Tag: 8101-002
Location: TOWER PV17.004 7TH LVL	Service Type: LIGHT LIQUID	Size:6
Type: FLANGE	Initial Reading: 772	Equipment: PV17.004
Leak Source: FLANGE	Inspection Date: 03/21/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 4-2-20

Operations Representative: [signature] 4-2-19
Signature Date

LDAR Team Representative: Michael D. Bowen 4.2.2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 4.2.19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

1/31/2019

Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE KD 1/31/19

Lonestar Mont Belvieu FRAC 3

Area: 02	HRVOC: No	Tag: 8344-002
Location: 1ST LVL STRUCTURE WEST OF DE-BUTANIZER REFLUX ACCUM. PV17.014	Service Type: GAS / VAPOR	Size:12
Type: FLANGE	Initial Reading: 1797	Equipment: HT17.012
Leak Source: FLANGE	Inspection Date: 01/05/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☒ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 1-31-20

Operations Representative: [signature] 1-31-19
Signature Date

LDAR Team Representative: Michael D. Bowen 1.31.2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 1.31.19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

3/21/2019 Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE KD 3/21/19

Lonestar Mont Belvieu Frac 3

Area: 02	HRVOC: No	Tag: 8416-001
Location: 1ST LVL STRUCTURE NORTH OF DE-BUTANIZER REFLUX ACCUM.	Service Type: GAS / VAPOR	Size:0
Type: SCREWED CONNECTOR	Initial Reading: 609	Equipment: PV17.014
Leak Source: SCREWED CONNECTOR	Inspection Date: 03/13/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

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Expected date of repair or process unit shutdown: 3-21-20

Operations Representative: [signature] 3-21-19
Signature Date

LDAR Team Representative: Michael D. Bowen 3.21.2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 3.21.19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

3/21/2019 Resign

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE 3/21/19

Lonestar Mont Belvieu Frac 3

Area: 02	HRVOC: No	Tag: 8416-002
Location: 1ST LVL STRUCTURE NORTH OF DE-BUTANIZER REFLUX ACCUM.	Service Type: GAS / VAPOR	Size:0
Type: SCREWED CONNECTOR	Initial Reading: 3789	Equipment: PV17.014
Leak Source: SCREWED CONNECTOR	Inspection Date: 03/13/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☑ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

_____

Expected date of repair or process unit shutdown: 3-21-20

Operations Representative: [signature] 3-21-19
Signature Date

LDAR Team Representative: Michael D. Bowen 3.21.2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 3.21.19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____

5/30/2019

Resign

CD 5/30/19

NOTIFICATION OF DELAY OF REPAIR FOR COMPONENTS IN VOC HRVOC SERVICE

Lonestar Mont Belvieu Frac 3

Area: 02	HRVOC: No	Tag: 8964-000
Location: 3ND LEVEL OF PV17.003	Service Type: LIGHT LIQUID	Size:16
Type: FLANGE	Initial Reading: 2417	Equipment: PV17.003
Leak Source: FLANGE	Inspection Date: 05/01/2019	P&ID:

If repair of a component w/in 7 or 15 days after the leak is detected requires DOR, the following options are available: **(All DOR requirements are outlined in the Procedures for Delay of Repair Document attached to each DOR book)**

Repair could be delayed until the next scheduled process unit S/D provided one of the following criteria are met:

☒ 1. Meet the mass emissions calculation requirements (e.g. emissions from shutdown > cumulative mass emissions from leaking component(s) for which DOR is sought) {S/D STATUS}

☐ 2. "Extraordinary" repair efforts made to repair leak {S/D STATUS}

- ☐ Date of 1st "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____
- ☐ Date of 2nd "extraordinary" effort: _____ Re-screen Result: _____ Date: _____
- ☐ Method of attempt: _____

(1st effort must be made within 7 days if > 10,000 ppm or 15 days if <= 10,000 ppm)

☐ 2a **Valves Only:** Demonstrate there is a safety, mechanical or major environmental concern posed by repairing the leak of all valves other than PSV's and automatic control valves using "extraordinary" efforts {UNSAFE STATUS}

☐ 3. The component listed above has been **REMOVED FROM VOC/HRVOC SERVICE** When the component is repaired and returned to service the **LDAR TEAM COORDINATOR MUST BE NOTIFIED IMMEDIATELY** to have Component re-monitored. {OHS STATUS}

☐ 4. Re-designing equipment to reduce emissions and/or preparatory work will take longer than anticipated (Pump and Compressor seal upgrades allowed provided the repair is made with regulatory timeframe, i.e. HRVOC within 6 months, VOC during next process unit S/D) {DLY STATUS}

Explanation for Delay of Repair required for criteria 2a, 3 and 4.

_____

_____

_____

_____

_____

Expected date of repair or process unit shutdown: 5-30-20

Operations Representative: [signature] 5-30-19
Signature Date

LDAR Team Representative: Michael D. Bowen 5-30-2019
Signature Date

For EMSI Use Only:

DOR Tag Hung By Technician: [signature] 5-30-19
Signature Date

Instrument ID#: _____ Component Repair Date: _____

EMSI Tech: _____ Component In Service Date: _____

Background Reading: _____ Component Remonitor Date: _____

Repair Method: _____ Remonitor Reading: _____

Start Time: _____ End Time: _____