RE: [External]-345894 FW: Burner

Woloshyn, Jennifer to: Benjamin W Cook, Bencho, John 03/27/2015 10:32 AM
Aoife McDermott, Darren M Gietzen , "Mysko, David",
Cc: "Lougheed, Fraser" , "Stephani Campbell (scampbell@uss.com)"
, Teresa J Simetkosky

Hi Ben,

In the model we specify the flow rates, so the back pressures should come out in the wash. It will be correctly accounted for.

Best regards,
Jennifer

From: Benjamin W Cook [mailto:BWCook@uss.com]
Sent: Friday, March 27, 2015 9:37 AM
To: Bencho, John
Cc: Aoife McDermott; Darren M Gietzen; Mysko, David; Lougheed, Fraser; Woloshyn, Jennifer; Stephani Campbell (scampbell@uss.com); Teresa J Simetkosky
Subject: Re: [External]-345894 FW: Burner

One item I thought of this morning, looking at the sketch, is are we taking into account the back pressure on the natural gas coming out of the gas orifice? Under normal operation on straight gas this would be around 10 psi. With biomass on so that there is less flow, this would be around 5 psi.

Thanks,

Ben Cook
Process Engineer
Minntac Agglomerator
U.S. Steel
(O) (218) 749-7346
(M) (218) 966-9231
(F) (218) 749-7265

From: "Bencho, John" <JBencho@hatch.ca>
To: Aoife McDermott <AMcDermott@aecometric.com>,
Cc: "BWCook@uss.com" <BWCook@uss.com>, Teresa J Simetkosky <TJSimetkosky@uss.com>, "Stephani Campbell (scampbell@uss.com)" <scampbell@uss.com>, Darren M Gietzen <DMGietzen@uss.com>, "Woloshyn, Jennifer" <JWoloshyn@hatch.ca>, "Lougheed, Fraser" <FLougheed@hatch.ca>, "Mysko, David" <DMysko@hatch.ca>
Date: 03/26/2015 02:19 PM
Subject: [External]-345894 FW: Burner

Aoife,

Can you provide a recommendation for dimensions A and B shown on the attached sketch .

All,

Please provide and comments or concerns you may have on attached.

Thanks.

John Bencho
Project Manager
Hatch Associates Consultants, Inc.

Phone (412)497-2130
Cell (412)527-6584

From: Woloshyn, Jennifer
Sent: Thursday, March 26, 2015 1:20 PM
To: Bencho, John
Subject: FW: Burner

Hi John,

Please see attached our interpretation of the burner modification sketch . Feel free to distribute this to whomever should comment. Mark will begin the 3D geometry on this basis shortly.

Best regards,
Jennifer

From: Allan, Mark
Sent: Thursday, March 26, 2015 1:17 PM
To: Woloshyn, Jennifer
Subject: Burner

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[attachment "2015.03.26 Kiln Burner Modification.pdf" deleted by Benjamin W Cook/Minntac/USS]