

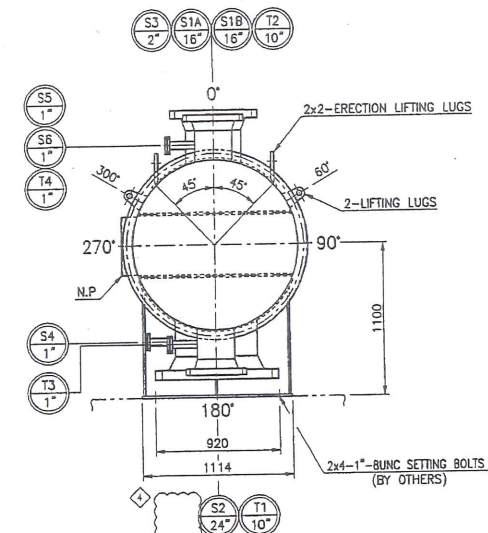

 MEG ENERGY	CHRISTINA LAKE REGIONAL PROJECT Phase 3A EPC for Central Plant Facilities		 SNC-LAVALIN
	SLI Project No. 511036		

 SNC-LAVALIN	<div style="display: flex; flex-direction: column; gap: 5px;"> <div><input type="checkbox"/> A1 Not suitable to initiate fabrication. modify as noted, resubmit for review</div> <div><input type="checkbox"/> B1 Suitable to initiate fabrication as noted. modify as noted, resubmit for review</div> <div><input type="checkbox"/> C1 Suitable to fabricate to completion as noted. submit final documents including as-builts as required</div> <div><input checked="" type="checkbox"/> D1 Suitable to fabricate to completion. submit final documents including as-built documents as required</div> <div><input type="checkbox"/> E1 Not suitable as final documents as noted. modify as noted and resubmit.</div> <div><input type="checkbox"/> F1 Suitable as final documents. no further resubmittal required (unless revised by vendor)</div> <div><input type="checkbox"/> VX Vendor document cancelled.</div> </div>		
Vendor's drawing review for conformity with specifications and design drawing.			
This review does not relieve the vendor of his responsibility for errors in design and detailing as detailed in his contract.			

Vendor: Sewon Cellontech Co. Ltd. - P00007		No.: E0351-3AE105-D-02	Rev: 4
Doc. Title:	H00.01 - GENERAL ASSEMBLY (2/3) - Tag: 3A-E-105A/B		
Client Code:	Project No: 511036	Date Rec'd: 2014/05/30	
Reviewed by: <i>SS</i> Date: <i>4 - June - 2014</i>	Document No: P-5310-01-0009		Submittal: 05



A S M E.  STAMP

DESIGN & TEST DATA

MATERIAL SPECIFICATION							
SHELL HEAD	SA516-70N	STUD BOLTS AND NUTS					
CHANNEL HEAD	SA516-70N	-SHELL COVER	SA193-B7/SA194-2H				
COVER FLANGE	-	-STATIONARY	SA193-B7/SA194-2H				
CHANNEL FLANGE	SA266-2N	-CHANNEL COVER	-				
TUBE SHEET	SA266-2N	-FLOATING	SA193-B7/SA194-2H				
FLOATING HEAD COVER	SA516-70N	-SHELL SIDE NOZZ.	SA193-B7/SA194-2H				
FLOATING HEAD FLANGE	SA266-2N	-TUBE SIDE NOZZ.	SA193-B7/SA194-2H				
BACKING DEVICE	-	GASKETS					
TUBES	SA179 (SEAMLESS)	-SHELL COVER	SEE *1)				
BAFFLES or SUPPORT	SA516-70	-SHELL CHANNEL END	SEE *1)				
IMPINGEMENT BAFFLE	-	-CHANNEL SHELL END	SEE *1)				
THE ROD / SPACER	SA36 / SA53-B	-CHANNEL COVER	-				
PASS PARTITION PLATE	SA516-70N	-FLOATING	SEE *1)				
SHELL NOZZLE -HECK	SA106-B	-SHELL SIDE NOZZ.	SEE *2)				
-FLANGE	SA105N	-TUBE SIDE NOZZ.	SEE *2)				
CHANNEL NOZZLE -HECK	SA106-B	SUPPORT SADDLES / PAD	SA516-70N/SA516-70N				
-FLANGE	SA105N	EARTH LUG & NAME PLATE	SA240-304				
EXPANSION JOINT	-	SETTING BOLT/NUT	SA323 (BY OTHERS)				
*1) GASKET MATERIAL : DOUBLE METAL JACKET GASKET - FILLER : GRAPHITE	FOR APPROVAL ASME-U						
*2) SPIRAL WOUND (14.5) :	FILLER : GRAPHITE HOOP : 316 S.S	INNER RING : 316 S.S OUTER RING : C S					
REV. DATE	DESCRIPTIONS FOR REVISION	DRWN	CHK'D	REVD	APP'D		
PROJECT CLRP PHASE 3A CENTRAL PLANT FACILITY: EPC							
CUSTOMER	MEG ENERGY CORP.						
CLIENT	SNC • LAVALIN INC.						
TITLE	EMULSION/GLYCOL EXCHANGER GENERAL ASSEMBLY (2/3) [FOR 3A-E-105A/B]						
SEWON CELLWONTech CO., LTD. CHANGWON, KOREA							
OWNER JOB NO.	511036	PROJECTION METHOD	THIRD ANGLE PROJECTION	SCALE	SEE DWG..		
P/O NO.	P-5310-01		OWNER DWG. NO.		-		
SEWON JOB NO.	E-0351	SEWON DWG. NO.	E0351-3AE105-D-02		WORKS	C	