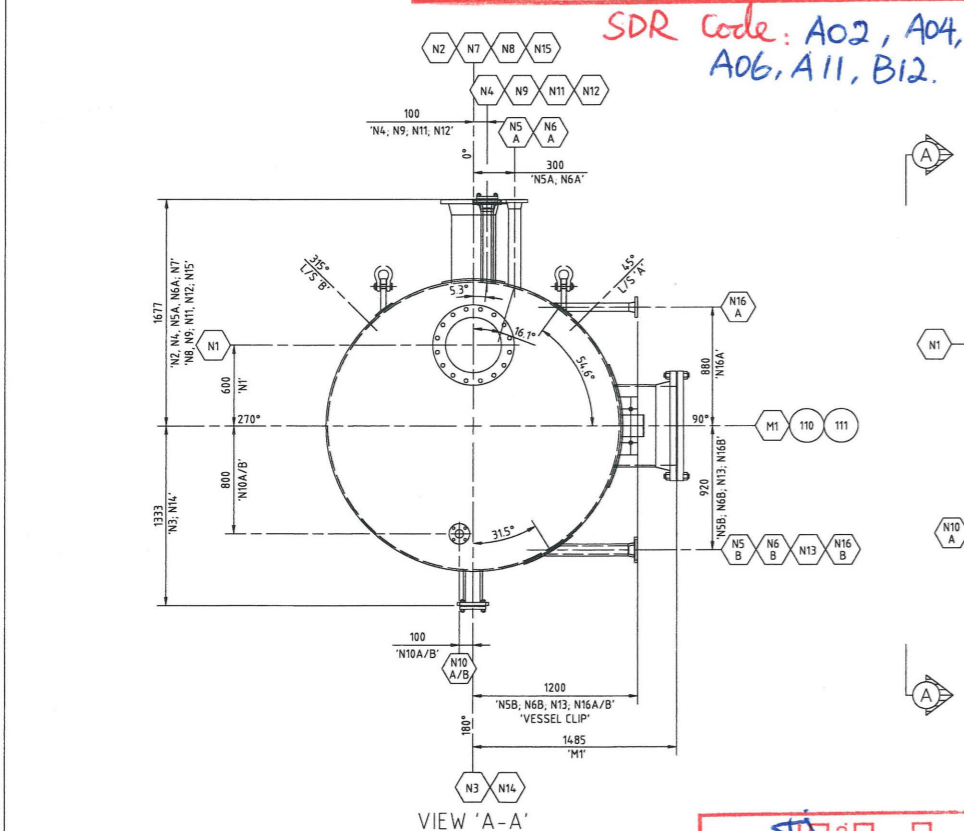


NOZZLE SCHEDULE														REMARKS
TAG No.	No.	REQ'D	NOM SIZE	RATING & FACING	SERVICE	NOZZLE O.D.	PROJ INSIDE	PROJ OUTSIDE	WELD DET.	WPS No.	WELD DET.	WPS No.	WELD DET.	
N1	1	16"	CLASS 150 R.F.W.N.	INLET	407mm	G.F.	SHOWN	IV	2,3	II	1			c/w DIVERTER
N2	1	12"	CLASS 150 R.F.W.N.	VAPOR OUTLET	324mm	G.F.	SHOWN	IV	2,3	II	1			
N3	1	4"	CLASS 150 R.F.L.W.N.	LIQUID OUTLET	140mm	G.F.	254mm	III	1					c/w VORTEX BREAKER
N4	1	2"	CLASS 150 R.F.W.N.	UTILITY	61mm	G.F.	SHOWN	IV	2	III	1			c/w B.F.B.O.
N5A	1	3"	CLASS 150 R.F.W.N.	LEVEL TRANSMITTER	89mm	G.F.	SHOWN	IV	2	III	1			
N5B	1	3"	CLASS 150 R.F.W.N.	LEVEL TRANSMITTER	89mm	G.F.	SHOWN	IV	2	II	1			
N6A	1	3"	CLASS 150 R.F.W.N.	LEVEL TRANSMITTER	89mm	G.F.	SHOWN	IV	2	III	1			
N6B	1	3"	CLASS 150 R.F.W.N.	LEVEL TRANSMITTER	89mm	G.F.	SHOWN	IV	2	II	1			
N7	1	10"	CLASS 150 R.F.W.N.	RELIEF (HOLD SIZE)	273mm	G.F.	598mm	IV	2,3	II	1			
N8	1	10"	CLASS 150 R.F.W.N.	MAINTENANCE VENT	273mm	G.F.	598mm	IV	2,3	II	1			c/w B.F.B.O.
N9	1	3"	CLASS 600 R.F.W.N.	HIGH PRESSURE DRAIN INLET	89mm	G.F.	SHOWN	IV	2	III	1			c/w DIVERTER
N10A/B	2	2"	CLASS 150 R.F.L.W.N.	STEAM OUT	78mm	G.F.	SHOWN	III	1					
N11	1	3"	CLASS 150 R.F.W.N.	SPARE	89mm	G.F.	SHOWN	IV	2	III	1			c/w B.F.B.O.
N12	1	3"	CLASS 150 R.F.W.N.	VENT	89mm	G.F.	SHOWN	IV	2	III	1			c/w B.F.B.O.
N13	1	2"	CLASS 150 R.F.W.N.	TEMPERATURE GAUGE	60mm	G.F.	SHOWN	IV	2	II	1			
N14	1	3"	CLASS 150 R.F.L.W.N.	DRAIN	108mm	G.F.	254mm	III	1					
N15	1	2"	CLASS 150 R.F.W.N.	PRESSURE GAUGE	60mm	G.F.	598mm	IV	2	III	1			
N16A	1	2"	CLASS 150 R.F.W.N.	LEVEL GAUGE	60mm	G.F.	SHOWN	IV	2	III	1			
N16B	1	2"	CLASS 150 R.F.W.N.	LEVEL GAUGE	60mm	G.F.	SHOWN	IV	2	II	1			
M1	1	24"	CLASS 150 R.F.W.N.	MANWAY	610mm	G.F.	406mm	IV	2,3	II	1	I	1,3	c/w DAVIT(SEE SHT 3), B.F.B.O.

	JOB NO.	PURCHASE ORDER NO.
PO	085354A	P 3205 02
	EQUIP. NO.	Unique No.
V.P.	8-V-851	A02-003 4

SDR Code: A02, A04, A06, A11, B12.



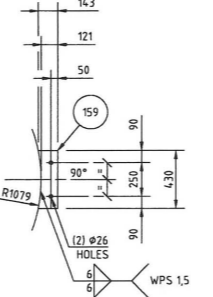
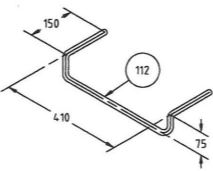
REV.	DESCRIPTION	DD/MM/YY	BY	CHKD.
1	REVISED BUILDING THK. & LOCATION, REMOVED N14 B.F.	04/09/2012	K.L.	J.W.
2	REVISED FLANGES & FORGING BACK TO CLASS #150	14/08/2012	A.A.	J.W.
3	REVISED AS NOTED	09/07/2012	K.L.	J.W.
4	REVISED PER CUSTOMER COMMENTS	10/05/2012	K.L.	J.W.
5	FIRST ISSUE	24/02/2012	A.A.	J.W.

WorleyParsons resources & energy REVIEW STAMP PROJECT NO. 085354A

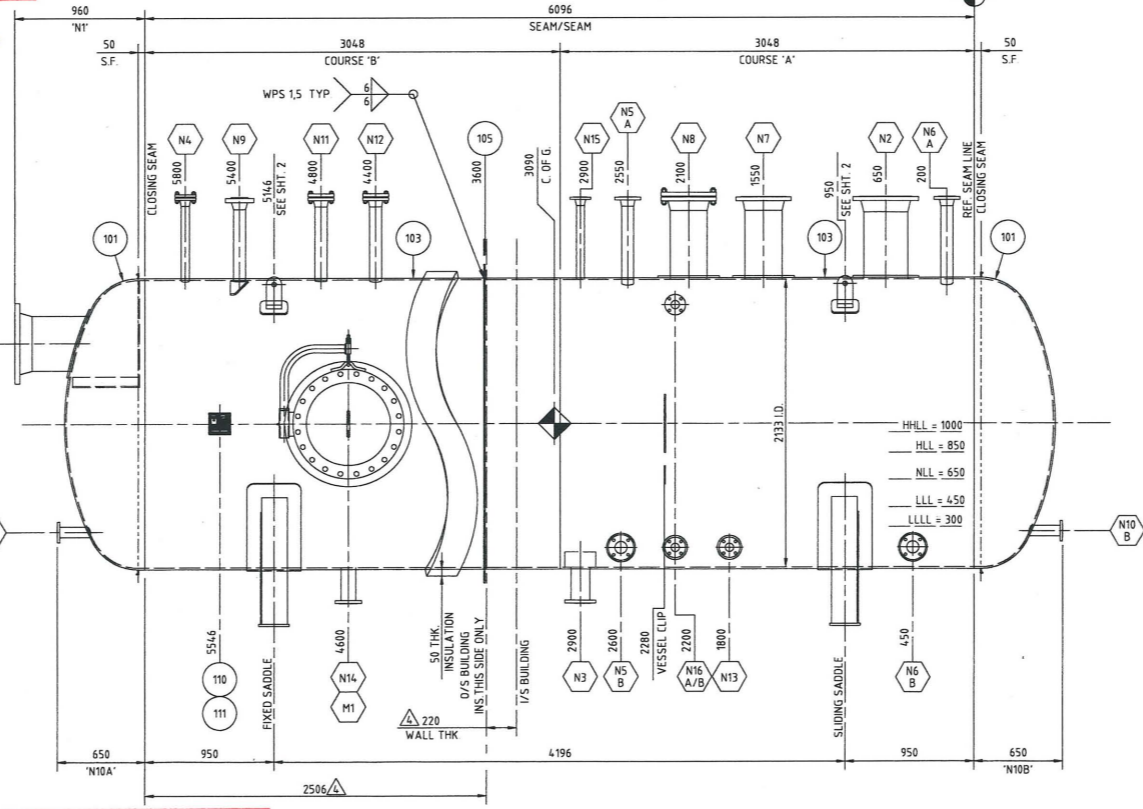
1. REVIEWED & ACCEPTED. MANUFACTURE MAY PROCEED.
2. REVIEWED & ACCEPTED AS NOTED. REUSE & RESUBMIT. MANUFACTURE MAY PROCEED.
3. REVIEW AS MARKED AND RE-SUBMIT. MANUFACTURE SHALL NOT PROCEED.
4. FOR INFORMATION ONLY. FOR INFORMATION ONLY. MANUFACTURE MAY PROCEED.

Acceptance in any of these categories in no way releases the Contractor/Supplier of its responsibility for the due and proper performance of the Work in accordance with the Contract/Purchase Order.

NAME: Ali Russian
SIGNED: Ali Russian
DATE: 11 Sep 2012



BILL OF MATERIALS									
BUY ITEM	PRODUCT FORM	ITEM No.	STD TEXT	QTY	TAG No.	PART	DESCRIPTION	SHOP NOTES	MATERIAL
HEAD	101	864.01	2			HEAD	2133mm I.D. x 12.7mm NOM. (10.1mm MIN.), 2.1 S.E. c/w 50mm S.F.		SA-516-70N
SHELL	103	864.02	2			SHELL	12.7mm THK x 304.8mm x 674.1mm LG.	ROLL TO 1067mm I.R.	SA-516-70N
PL	105		1			STIFFENING RING	9.5mm THK x 2158mm I.D. x 2362mm O.D.	102mm WIDE RING	SA-516-70N
BRACKET	110		2			BRACKET	6.4mm x 160mm SQUARE		SA-516-70N
NP	111		1			NAMEPLATE	IN 51 UNITS		S.S.
MCEX	112		3			GRAB RUNG	3/4" Ø R.B. x 908mm LG.	BEND AS SHOWN, B.B.E.	SA-36
FLEX	116	864.03	1		M1	FLANGE	24"-CLASS 150 ASME R.F. BLIND		SA-105N
STNG	117	864.05	1		M1	GASKET	24"-CLASS 150 SPIRAL WOUND GASKET	SEE DWG 12-864-DN-1	316 S.S.
STNG	118	864.06	20		M1	STUDS/NUTS	1 1/4" Ø x 7" LG c/w (2) SA-194-2HM NUTS		SA-193-B7M
FLEX	119	864.03	1		M1	FLANGE	24"-CLASS 150 ASME R.F.W.N. (SCH XH BORE)		SA-105N
PL	120	864.04	1		M1	ROLLED NECK	12.7mm x 311mm x 1876mm LG.	ROLL TO 292mm I.R.	SA-516-70N
PL	121	864.04	1		M1	REPAD	12.7mm x 610mm I.D. x 160mm ALL AROUND	ROLL TO 1079mm I.R.	SA-516-70N
FLEX	122	864.03	1		N1	FLANGE	16"-CLASS 150 ASME R.F.W.N. (SCH XH BORE)		SA-105N
PINZ	123	864.04	1		N1	PIPE NECK	16"-SCH 160 SMLS x 425mm LG.		SA-106B
PL	124		1		N1	REPAD	12.7mm x 406mm I.D. x 50mm ALL AROUND	DISH TO FIT HEAD	SA-516-70N
FLEX	125	864.03	1		N2	FLANGE	12"-CLASS 150 ASME R.F.W.N. (SCH XH BORE)		SA-105N
PINZ	126	864.04	1		N2	PIPE NECK	12"-SCH XH SMLS x 509mm LG.		SA-106B
PL	127		1		N2	REPAD	12.7mm x 324mm I.D. x 80mm ALL AROUND	ROLL TO 1079mm I.R.	SA-516-70N
FLEX	128	864.03	2		N7, N8	FLANGE	10"-CLASS 150 ASME R.F.W.N. (SCH XH BORE)		SA-105N
PINZ	129	864.04	2		N7, N8	PIPE NECK	10"-SCH XH SMLS x 518mm LG.		SA-106B
PL	130		2		N7, N8	REPAD	12.7mm x 273mm I.D. x 90mm ALL AROUND	ROLL TO 1079mm I.R.	SA-516-70N
FLEX	131	864.03	1		N8	FLANGE	10"-CLASS 150 ASME R.F. BLIND		SA-105N
STNG	132	864.05	1		N8	GASKET	10"-CLASS 150 SPIRAL WOUND GASKET	SEE DWG 12-864-DN-1	316 S.S.
STNG	133	864.06	12		N8	STUDS/NUTS	7/8" Ø x 4 3/4" LG c/w (2) SA-194-2HM NUTS		SA-193-B7M
FORG	134	864.03	1		N3	FORGING	4"-CLASS 150 ASME R.F.L.W.N. x 272mm LG.	TRIM LENGTH: 269mm LG	SA-105N
FLEX	135	864.03	4		NSA/B, N6A/B	FLANGE	3"-CLASS 150 ASME R.F.W.N. (SCH 160 BORE)		SA-105N
FLEX	136	864.03	2		N11, N12	FLANGE	3"-CLASS 150 ASME R.F.W.N. (SCH 160 BORE)		SA-105N
PINZ	137	864.04	2		NSA, N6A	PIPE NECK	3"-SCH 160 SMLS x 598mm LG.		SA-106B
PINZ	138	864.04	2		NSB, N6B	PIPE NECK	3"-SCH 160 SMLS x 675mm LG.		SA-106B
PL	139		2		NSB, N6B	REPAD	12.7mm x 90mm I.D. x 50mm ALL AROUND	ROLL TO 1079mm I.R.	SA-516-70N
PINZ	140	864.04	2		N11, N12	PIPE NECK	3"-SCH 160 SMLS x 550mm LG.		SA-106B
FLEX	142	864.03	2		N11, N12	FLANGE	3"-CLASS 150 ASME R.F. BLIND		SA-105N
STNG	143	864.05	2		N11, N12	GASKET	3"-CLASS 150 SPIRAL WOUND GASKET	SEE DWG 12-864-DN-1	316 S.S.
STNG	144	864.06	8		N11, N12	STUDS/NUTS	5/8" Ø x 3 1/2" LG c/w (2) SA-194-2HM NUTS		SA-193-B7M
FORG	145	864.03	1		N14	FORGING	3"-CLASS 150 R.F.L.W.N. x 271mm LG.	TRIM LENGTH: 268mm	SA-150N
FLEX	146	864.03	1		N9	FLANGE	3"-CLASS 600 ASME R.F.W.N. (SCH 160 BORE)		SA-105N
PINZ	147	864.04	1		N9	PIPE NECK	3"-SCH 160 SMLS x 531mm LG.		SA-106B
FLEX	148	864.03	4		N13, N15, N16A/B	FLANGE	2"-CLASS 150 ASME R.F.W.N. (SCH 160 BORE)		SA-105N
FLEX	149	864.03	1		N4	FLANGE	2"-CLASS 150 ASME R.F.W.N. (SCH 160 BORE)		SA-105N
PINZ	150	864.04	1		N4	PIPE NECK	2"-SCH 160 SMLS x 555mm LG.		SA-106B
FLEX	151	864.03	1		N4	FLANGE	2"-CLASS 150 ASME R.F. BLIND		SA-105N
STNG	152	864.05	1		N4	GASKET	2"-CLASS 150 SPIRAL WOUND GASKET	SEE DWG 12-864-DN-1	316 S.S.
STNG	153	864.06	4		N4	STUDS/NUTS	5/8" Ø x 3 1/4" LG c/w (2) SA-194-2HM NUTS		SA-193-B7M
FORG	154	864.03	2		N10A/B	FORGING	2"-CLASS 150 R.F.L.W.N. x 265mm LG.	TRIM LENGTH: 262mm	SA-150N
PINZ	155	864.04	2		N13, N16B	PIPE NECK	2"-SCH 160 SMLS x 652mm LG.		SA-106B
PL	156		2		N13, N16B	REPAD	12.7mm x 60mm I.D. x 50mm ALL AROUND	ROLL TO 1079mm I.R.	SA-516-70N
PINZ	157	864.04	1		N16A	PIPE NECK	2"-SCH 160 SMLS x 581mm LG.		SA-106B
PINZ	158	864.04	1		N15	PIPE NECK	2"-SCH 160 SMLS x 548mm LG.		SA-106B
PL	159		1			VESSEL CLIP	9.5mm THK x 143 x 430mm LG.	c/w HOLES, SEE DETAIL	SA-516-70N

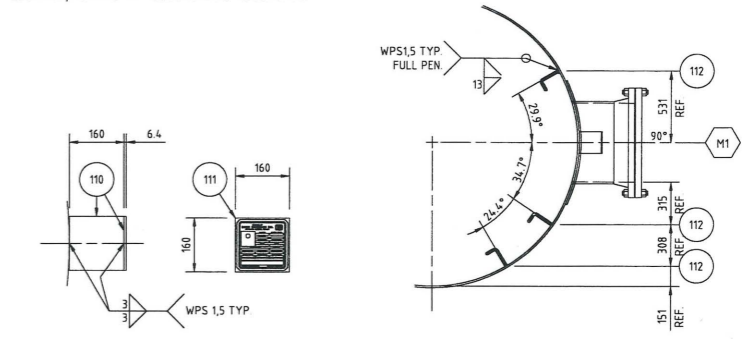


1 S-41 (CVN) SMAW: E7018-1	2 MS-5 (CVN) GMAW: ER70S-6, SMAW: E7018-1
3 SA-20 (CVN) SAW: LINCOLN L-56 SINGLE, 880M	4 SA-29 (CVN) SAW: LINCOLN L-56 TWIN, 880M
5 FC-5 (CVN) FCW: E71T-12MJ (ATTACHMENTS ONLY)	

APPROVED WELDING PROCEDURES: ALL WELDING IN ACCORDANCE WITH PROCEDURE WP-519.2 AND MINIMUM PREHEAT REQUIREMENT IS 50° UNLESS OTHERWISE NOTED BY [200°] WHERE APPLICABLE.

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CUSTOMER NAME	WORLEY PARSONS	END USER	MEG ENERGY CORP.
PURCHASE ORDER NO.	085354A-P-3205-02	TAG No.	8-V-851
LOCATION	CHRISTINA LAKE, AB.		
DACRO INDUSTRIES INC. 8325 - 51 AVENUE EDMONTON, ALBERTA		2133mm I.D. x 6096mm SEAM/SEAM SOUR GAS INLET SEPARATOR GENERAL ARRANGEMENT ELEVATION & ORIENTATION	
THE INFORMATION SHOWN ON THIS DRAWING IS THE PROPERTY OF DACRO INDUSTRIES INC. AND IS NOT TO BE REPRODUCED IN WHOLE OR IN PART NOR IS CUSTOMER TO FURNISH INFORMATION FROM IT TO OTHERS NOR MAKE ANY USE OF IT WHATSOEVER THAT MAY BE INJURIOUS TO DACRO INDUSTRIES INC.		DOCUMENT No. 12-864-V-1	
DRAWN BY A. ASTER	CHECKED BY J. WAY	DATE (DD/MM/YY) 22/02/2012	SCALE 1:25
SHEET 1 of ?		FISCAL YEAR	JOB No.
REV.		DOC. TYPE	SHT. No.