AutoDWG DWGSee 2020 Trial Version. http://www.autodwg.com

Please goto http://www.autodwg.com to register the program,the note will be removed.

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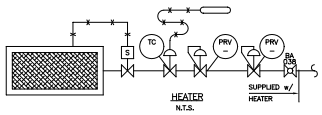


CATADYNE HEATER 12,000 BTU c/w GRILL, REGULATOR & TEMP. CONTROL / 12 VOLT c/w START CABLES

NOZZLE SCHEDULE

MARK	SIZE	RATING	TYPE EXTERNAL	TYPE INTERNAL	SERVICE	NOZZLE BORE	REPAD	PROJ'N I/S	PROJ'N O/S
N1	10"	150#	RFWN	SHOWN	INLET c/w DEFLECTOR	SCH STD	N/A	SHOWN	8"
N2	10"	150#	RFWN	N/A	OUTLET	SCH STD	N/A	–	8"
N3	4"	150#	RFWN	N/A	SPARE	SCH STD	N/A	–	8"
N4	2"	150#	RFWN	N/A	DRAIN	SCH STD	N/A	–	SHOWN
N5	2"	150#	RFWN	N/A	LSHH	SCH STD	N/A	–	8"
N6	2"	150#	RFWN	N/A	LT	SCH STD	N/A	–	SHOWN
C1 A/B	3/4"	3000#	CPLG	N/A	LG	–	N/A	–	–
C2	3/4"	3000#	CPLG	N/A	TI	–	N/A	–	–
C3	3/4"	3000#	CPLG	N/A	LT BALANCE LINE	–	N/A	–	–
M1	20"	150#	RFWN	N/A	MANWAY/CLEANOUT c/w BLIND & DAVIT	SCH STD	N/A	–	SHOWN

NOTES
1) HEATER HOUSING FOR THE HEATER IS MOUNTED UNDER THE TANK c/w SADDLES, BASE DECK, INSULATION & ACCESS DOOR.
2) ACCESS DOOR IS 36" WIDE x 24" HIGH c/w 2" x 3/16" FB STITCH WELD TO THE BACK OF THE OPENING.
3) FULLY WELD WEAR PAD, LEAVING A 1" UNWELD PORTION @ LOWEST PART OF SADDLE, AS PER NM-1.
4) FULLY WELD SADDLE AT HORNS, STITCH WELD 3 @ 12 OTHERWISE WITH A 3/16" FILLET, AS PER NM-1.
5) USE WELD PROCEDURE NM-1 WITH 3/16" FILLET WELD FOR ATTACHMENTS WELDS UNLESS OTHERWISE NOTED.
6) SHOP CHECK HEAD DEPTH BEFORE CUTTING M1 NOZZLE MATERIAL.

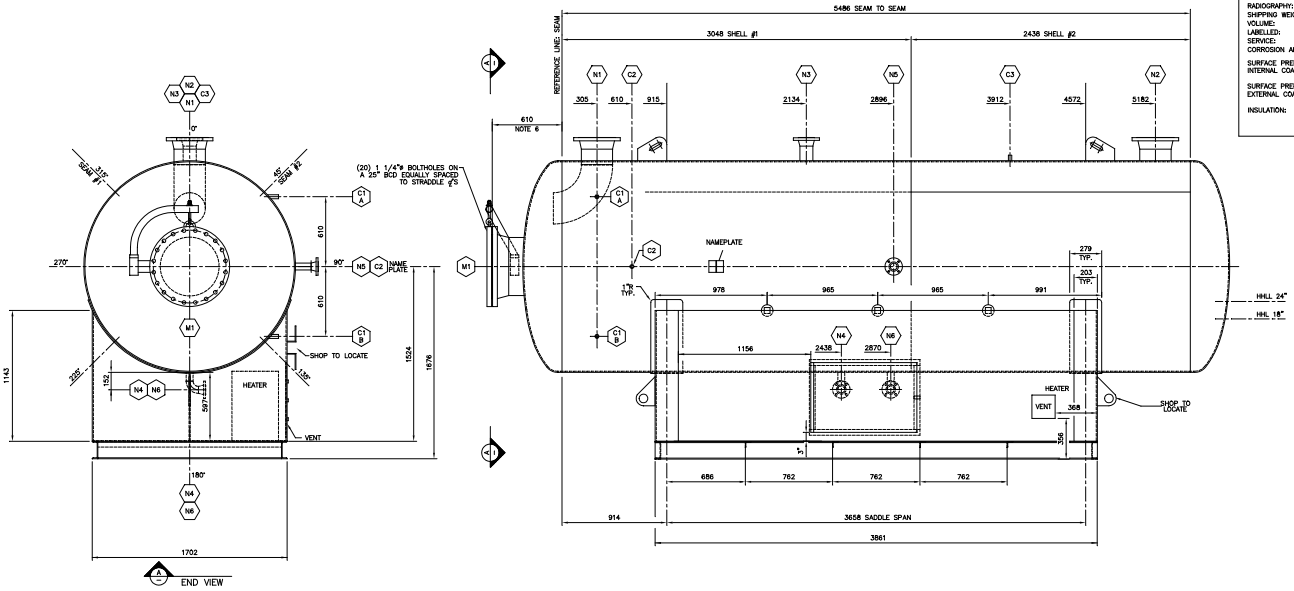
DESIGN DATA

BUILT ACCORDING TO NUSCO LATEST EDITION CONSTRUCTION STANDARDS

DESIGN PRESSURE:	345 kPa (50 PSIG)	HEAD TYPE:	F & D
MAX. OPERATING PRESS.:	14.9 PSIG	HEAD MATERIAL:	A-516-70N
HYDRO TEST:	517 kPa (75 PSIG)	SHELL MATERIAL:	A-516-70N
RADIOGRAPHY:	NONE	HEAD DIAMETER:	72" ID
SHIPPING WEIGHT:	10,500 LBS	SHELL DIAMETER:	72" ID
VOLUME:	100 BBL	HEAD THICK.:	3/8"
LABELLED:	NO	SHELL THICK.:	3/8"
SERVICE:	SOUR		
CORROSION ALLOWANCE:	1/16"		

SURFACE PREP. – INTERNAL: NONE
INTERNAL COATING: NONE

SURFACE PREP. – EXTERNAL: COMMERCIAL BLAST AS PER SSPC-SP#6
EXTERNAL COATING: (1) COAT OF BAR-OX 752 PRIMER (2) COATS OF BLACK INDUSTRIAL HI-TEMP ENAMEL
INSULATION: 2" THK SPRAY-ON URETHANE INSULATION c/w (2) COATS OF BLACK SURFACE SEALANT ON THE ENCLOSURE AND THE UNDERSIDE OF THE SKID



(2) REQUIRED

REV	DATE	BY	APP'D BY	DESCRIPTION
1	03/02/03	KCS		C3 WAS 1/2", ISSUED FOR CONSTRUCTION
0	03/01/15	DB		ISSUED FOR CONSTRUCTION
A	03/01/03	DB		ISSUED FOR APPROVAL

REVISIONS

NUSCO MANUFACTURING & SUPPLY LTD.

CUSTOMER: APACHE CANADA LTD. c/o DPH ENGINEERING INC.
TITLE: 100 BBL SINGLE WALL A/G FLARE KNOCK-OUT DRUM c/w HEATER 6'-0" DIA. x 18'-0" SEAM TO SEAM
LOCATION:
QUOTATION FILE No.: T0310-02Q00
APP'D:
DATE: 97/01/29
SCALE: 3/4"=1'-0"
W.O. NO.: 006372 & 006373
DRWG. NO.: T2091-A
REV: 1