





M	20	WN	150	RF	STD	1825	BY VENDOR
GB	1.5	WN	300	RF	80	1450	BY VENDOR
GA	1.5	WN	300	RF	80	1450	BY VENDOR
D	2	WN	150	RF	80	1635	BY VENDOR
V	4	WN	150	RF	STD	1635	BY VENDOR
S2	1.5	WN	150	RF	80	1450	BY VENDOR
S1	1.5	WN	150	RF	80	1450	BY VENDOR

O1	2	WN	150	RF	80	SEE DWG.	BY VENDOR
A3	2	WN	150	RF	STD	1635	BY VENDOR
A2	1	WN	150	RF	80	SEE DWG.	BY VENDOR
A1	2	WN	150	RF	80	1635	BY VENDOR
ITEM	SIZE INCH	TYPE	CLASS	FACING	SCH.	DISTANCES	REINF. DIA.

LIST OF CONNECTIONS							
MATERIALS INDICATED PER SPECIFICATIONS							
SHELL				STUD BOLTS			
HEADS				NUTS			
FLANGES				INTERNALS WELDED/REMOVABLE			
NOZZLES NECK FROM PIPE				VESSEL SUPPORTS			
NOZZLES NECK FROM PLATE				INTERNAL BOLTING			
CLADDING				GASKETS (INTERNAL / EXTERNAL)			
ELBOW				RASCHIG PACKING / DEMISTER			

DESIGN DATA			
SERVICE			
CODE			
ASME U-STAMP	NO	BAR	G
DESIGN PRESSURE	ATM.	BAR	G
STEAM OUT COND.	-	BAR	G
OPERATING PRESSURE	MIN/NORM/MAX	ATM	BAR G
HYDROSTATIC TEST PRESSURE	0.7 (BS-2594)	BAR	G
DESIGN TEMPERATURE	85	°C	
OPERATING TEMPERATURE	MIN/NORM/MAX	AMB.	°C
SHELL JOINT EFFICIENCY	20	%	
HEADS JOINT EFFICIENCY	20	%	
POSTWELD HEAT TREATMENT	NO		
X-RAY EXAMINATION	SPOT		
SHELL CORROSION ALLOWANCE	3	MM	
HEADS CORROSION ALLOWANCE	3	MM	
WIND	UBC 1997; Speed= 44.4 m/s; CATEGORY C; I = 1.15		
EARTHQUAKE	UBC 1997 - SEISMIC ZONE IV; SOIL PROFILE SB ; I=1.25		
CAPACITY	40	M ³	
THERMAL INSULATION	NO	MM	
FLUID CONTAINED	0.9	KG\M ³	
TO BE INSPECTED BY	CONTRACTOR / CLIENT REPRESENTATIVE		
FIREPROOFING OF SUPPORTS	NO		

INTERNAL PAINTING BASED ON PAINTING SPEC AND ACCORDING TO BOTTOM STORAGE TANK

01	04/04/20	R.R	S.B.	R.R.	R.R.	AFC		
00	04/02/10	R.R	S.B.	R.R.	R.R.	ISSUE FOR APPROE		
REV.	DATE	DESIGN	DRAWN	CHECK	APP.	DESCRIPTION		
CLIENT			OWNER:		CONSULTANT:		SUPER VISOR:	
			P.M.O 		 BEHIN-TARH PAYDAR (BTP CO.)			
SCALE: 1:500			SIZE:A3		PROJ. NO.:		1402-T-13800	
PROJ:								
PAYA OIL PRODUCT TERMINAL IN SHAHID RAJAEI PORT								
PREPARED BY:			TITLE:					
S.Banaee			MECHANICAL DRAWING FOR DIESEL FUEL TANK					
APPROVED BY:								
R.RAZMI								
CONT. No.	REF.	PROJ.	PH.	DISC.	TYPE.	SEQ.	REV.	SHEET NO.
12S/13800	POT	150	DE	ME	DWG	7202	01	1 OF 1