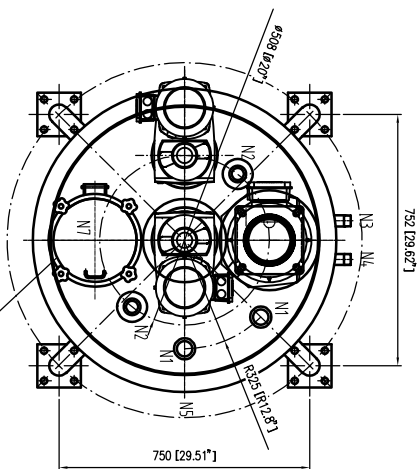
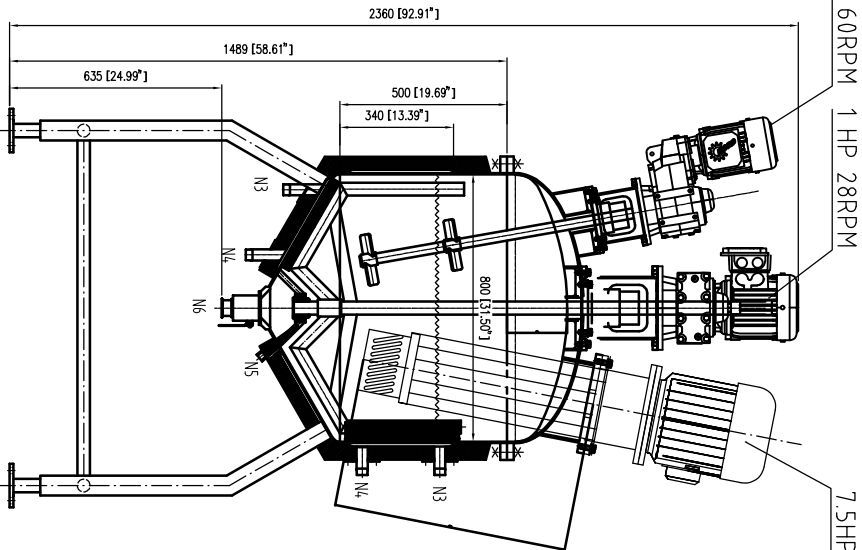
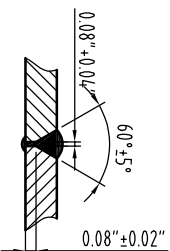


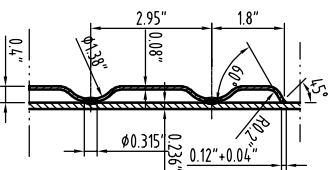
DESIGN DATA SHEET											
ASME BPVC SECTION VIII DIVISION 1 2023 EDITION.											
CODE		SHELL		JACKET		ASME CERTIFICATION MARKS		YES WITH U REGISTRATION FOR JACKET ONLY			
FLUID		✓		✓		NO REGISTRATION REQUIREMENTS		YES			
FLUID PERFORMANCE		NON LETHAL		NON LETHAL		NON REGISTRATION REQUIREMENTS		NA			
WORKING TEMPERATURE		°F	≤320	°F	≤320	WELDING ROD TYPE		AS PER AWS			
WORKING PRESSURE		psi	-10	≤75	WELDING REGULATION	NOTE 2		DESIGNING DRAWING APPROVED FOR FABRICATION			
DESIGN TEMPERATURE		°F	320	320	WELD STRUCTURE	THICKNESS OF PLATE WELD EXCEPT WELDED JOINTS IN THE THROAT OF T-JUNCTIONS SHALL BE		AC C STD			
HEIGHT		ft	-4	4	AT 75% PRESSURE	TEST TEMPERATURE		44-118			
DESIGN PRESSURE		psi	-10	75% AT 320° PRESSURE	TEST TEMPERATURE	°F	44-118	AC C STD			
PUMP		psi	0	75% AT 320°	WELDING JOINT CATEGORY	RT-NDT	UW-52	UT-52			
CORROSION ALLOWANCE		in	0	NO	A/B	SP-9	UT-52	UT-52			
JOINT EFFICIENT		SAW/FL	0.85/0.85	NO	C/D	SP-9	UT-52	UT-52			
HYDRO TEST PRESSURE		psi	0	99	TOTAL CAPACITY	US.gal	150	150			
GAS LEAKAGE TEST PRESSURE		psi	NO	IMPACT TEST	EXEMPTED PER UHA-51						
NOZZLE ORIENTATION		AS PER THE BRANING								POST WELD HEAT TREATMENT	
MATERIAL FOR HIGH PRESSURE PARTS		SA-240M 316L SA-312M 316L			NET WEIGHT FOR COMP.						
FILL COEFFICIENT		SA-312M 12316L			OPERATING MASS						
INSULATION THICKNESS		in	18in	HEAT WATER MASS	kg						
NOZZLE SCHEDULE											
MARK	NOMINAL SIZE	QTY.	CONNECTING SIZE AND STANDARD	FACE	SERVICE	REMARKS					
N1	2"	2	3A	T/C	INLET						
N2	15/32"	2	3A	T/C	CP						
N3	1"	2	ASME B1.20.1-2013	1" NPT	JACKET INLET						
N4	1"	2	ASME B1.20.1-2013	1" NPT	JACKET OUTLET						
N5	1/2"	1		1/2" NPT	TEMPERATURE SENSOR						
N6	2"	1	3A	T/C	OUTLET						
N7	10"	1	YAD		MANWAY						



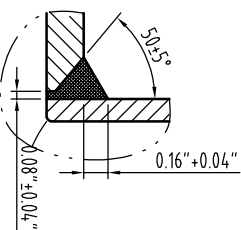
CATEGORY A,B WELDING JOINT
NOT TO SCALE



DIMPLE JACKET WELDING JOINT
NOT TO SCALE



NOZZLE WELDING JOINT
NOT TO SCALE



Technical Requirement
1. Interior finish : RA20, Exterior finish: RA32,
2. The material contacting with the material is 316L.

REV. NO.	DESCRIPTION	PREPARED BY	CHECKED BY	DATE
3				
2				
1				
SHAANXI HONGDA INDUSTRY CO., LTD				
PROJECT NO.		DRAWING NO.		
PROJECT NAME		PROJECT NAME		
SCALE		SCALE		
WEIGHT		WEIGHT		
REV		REV		
PAGE		PAGE		