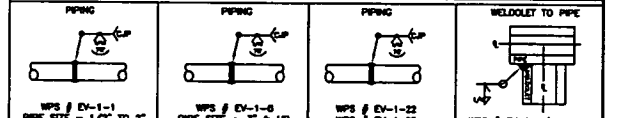


CUSTOMER CONNECTIONS		
DESIGNATION	DESCRIPTION	SIZE & RATING
A	GAS INLET	6"-300# RFWN FLANGE
B	GAS OUTLET	2"-300# RFWN FLANGE
C	INSTRUMENT AIR	1 1/2"-150# RFSW FLANGE
E	FLARE (MECH. SEAL OIL POT)	1"-150# RFSW FLANGE
F	FLARE (PUMP SEAL OIL POT)	1"-150# RFSW FLANGE
G	COOLING WATER SUPPLY (OIL COOLER)	4"-300# RFWN FLANGE
H	COOLING WATER RETURN (OIL COOLER)	4"-300# RFWN FLANGE
J	COOLING WATER SUPPLY (MECH. SEAL OIL POT)	3/4"-150# RFSW FLANGE
K	COOLING WATER RETURN (MECH. SEAL OIL POT)	3/4"-150# RFSW FLANGE
L	COOLING WATER SUPPLY (PUMP SEAL OIL POT)	3/4"-150# RFSW FLANGE
M	COOLING WATER RETURN (PUMP SEAL OIL POT)	3/4"-150# RFSW FLANGE
N	INLET LINE TO PSV-51050 (FURNISHED/INSTALLED BY OTHERS)	2"-300# RFWN FLANGE

ALLOWABLE PIPE NOZZLE LOADS							
PIPE SIZE	AXIAL FORCE (LBS.)	VERTICAL FORCE (LBS.)	LATERAL FORCE (LBS.)	AXIAL MOMENTS (IN-LBS.)	VERTICAL MOMENTS (IN-LBS.)	LATERAL MOMENTS (IN-LBS.)	RESULTANT MOMENTS (IN-LBS.)
8"	± 555	± 1390	± 1110	± 16650	± 8325	± 8325	± 1882
4"	± 370	± 925	± 740	± 7400	± 3700	± 3700	± 1241
3"	± 278	± 694	± 555	± 4164	± 2082	± 2082	± 931
2"	± 185	± 463	± 370	± 1850	± 925	± 925	± 310
1 1/2"	± 139	± 347	± 278	± 1041	± 521	± 521	± 173
1"	± 93	± 231	± 185	± 483	± 231	± 231	± 81



- GENERAL NOTES**
- ALL DIMENSIONS ARE IN INCHES.
 - ALL CUSTOMER CONNECTIONS ARE +/- 1/8"
 - ALL PIPING SHALL BE DONE IN ACCORDANCE WITH ASME/ANSI B31.3.
 - ALL BUTT WELDS SHALL BE FULL PENETRATION.
 - ALL THREADED CONNECTIONS EXCEPT PLUGS SHALL BE SEAL WELDED.
 - ALL FLANGE BOLT HOLES TO STRADDLE N/S & VERT. CENTERLINES.
 - ALL BURRS & SHARP EDGES SHALL BE REMOVED.
 - UNLESS OTHERWISE SPECIFIED, ALL TUBING SHALL BE 316 SS. 1/2" O.D. (0.035") WALL. TUBE FITTINGS ARE SWAGelok.
 - ALL PIPING & TUBING SHALL BE ADEQUATELY SUPPORTED OR FASTENED.
 - COMPLETE SYSTEM SHALL BE PRESSURE TESTED PNEUMATICALLY @ 495 PSIG.
 - COMPLETE SYSTEM SHALL BE SHIPPED WITH 10 PSIG DRY NITROGEN.
 - ALL FLANGE SEALING SURFACES SHALL BE PROTECTED.
 - COATING SYSTEM AS OUTLINED IN EDTI JOB PAINTING SPECIFICATIONS.
 - CENTER OF GRAVITY = ⊙
 - EQUIPMENT CENTER OF GRAVITY = ⊙
 - COMP. & MOTOR PEDESTALS MUST BE FILLED WITH CONCRETE (BY CUSTOMER)
 - COMPRESSOR TO BE FILLED WITH OIL.
 - SPIRAL WOUND GASKETS SHALL BE USED.
 - ADEQUATE REMOVAL SPACE SHALL BE ALLOWED FOR ALL PARTS/COMPONENTS NEEDING MAINTENANCE.

MACHINERY WEIGHTS	
NET WEIGHT:	66,000 LBS. (APPROX.)
OPERATING WEIGHT:	69,000 LBS. (APPROX.)
COMPRESSOR TOTAL WEIGHT:	MOTOR TOTAL WEIGHT:
COMPRESSOR ROTOR WEIGHTS:	MOTOR ROTOR WEIGHTS:
LEFT EDGE MOUNT:	684.79 LBS.
LEFT EDGE MOUNT:	684.79 LBS.
RIGHT EDGE MOUNT:	687.27 LBS.
RIGHT EDGE MOUNT:	687.27 LBS.
JACOBS PROJECT NUMBER:	58-BK8580-HH000809
SAP NO.:	10533658
QTY. REQ'D.: 1	

CONFIDENTIAL

—AN ENGINEERED—
—SYSTEMS COMPANY—

3010

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PH: (951) 279-9400
FAX: (951) 279-9464

DATE: 11/04/04
SCALE: 1"=3'-0"

DESIGNER: J. BARROWS
CHECKER: []
APPROVER: []
DATE: []

PROJECT: MACHINERY ARRANGEMENT RETURN GAS COMPRESSOR SYSTEM

SHEET NO.: 1 OF 14