



- FABRICATION (WELDING)/FLOOR
- FABRICATION (ASSY)/FLOOR
- WELDING FOREMAN/FILE
- ASSY FOREMAN/FILE

RELEASE DATE: \_\_\_\_\_  
**CERTIFIED ENGINEER/MANAGER**  
 NAME: \_\_\_\_\_  
 DATE: \_\_\_\_\_

RELEASE DATE: \_\_\_\_\_  
**CERTIFIED DESIGNER**  
 NAME: \_\_\_\_\_  
 DATE: \_\_\_\_\_

ITEM	QTY	SIZE	TYPE	SERVICE
19	1	2" 150#	RFWN	DISCHARGE PRV EXHAUST
18	1	2" 150#	RFWN	SUCTION PRV EXHAUST
17	1	2"	NPT	SEPARATOR BLOW-DOWN
16	1	3/4"	NPT	ENGINE OIL MAKE-UP
15	1	1"	NPT	FUEL PRV EXHAUST
14	4	1/2"	NPT	LOW POINT DRAIN - OIL
13	1	1"	NPT	TAW DRAIN
12	1	1"	NPT	EJW DRAIN
11	1	2"	NPT	UNIT BLOWDOWN
10	1	1"	NPT	FUEL GAS DRAIN
9	1	3" 150#	RFWN	STARTER EXHAUST
8	1	1"	NPT	STARTER AIR TANK PRV EXHAUST
7	1	1"	NPT	SCRUBBER DRAIN (AUTO)
6	1	2"	NPT	SEPARATOR FILL CONNECTION
5	1	1"	NPT	SEPARATOR DRAIN (MANUAL)
4	1	1"	NPT	SCRUBBER DRAIN (MANUAL)
3	1	1"	NPT	ENGINE OIL DRAIN
2	1	4" 150#	RFWN	UNIT OUTLET
1	1	8" 150#	RFWN	UNIT INLET

- SHOP NOTES**
- ALL TAILED DIMENSIONS ARE FROM 1 OF 2 WORKLINES, UNLESS OTHERWISE NOTED.
  - ALL PROCESS GAS PIPING TO BE BUTTWELDED TO B31.8, 15% X-RAY, 6" & LARGER.
  - SUPPORT PADS ARE NOT ACCEPTABLE FOR PROCESS OR WATER PIPING.
  - ALL TUBING IN INSTRUMENTATION OR SUPPLY SERVICE SHALL BE MIN. OF .375" 304 SS WITH C.S. FITTINGS.
  - PIPE ENGINE JACKET WATER MAKE UP LINE TO A POINT AS CLOSE TO PUMP SUCTION AS POSSIBLE.
  - NO CAST IRON FITTINGS ALLOWED ON ANY GAS SERVICE, INCLUDING BLOWDOWNS, PRV STACKS, AND/OR FUEL GAS EXHAUST PIPING. A MINIMUM OF 2000# STEEL FITTINGS TO BE USED IN THESE SERVICES.
  - USE CRIMP TYPE CONNECTORS ON ALL WIRING. NO SPADE CONNECTORS OR WIRE NUTS ALLOWED.
  - PIPE ALL EDGE OF SKID CONNS. 2" BACK FROM SKID EDGE.
  - CL OF ENGINE/COMPRESSOR FROM BOTTOM OF SKID IS 37 5/8".
  - ALL PIPING OVER 2" TO BE STANDARD WALL UNLESS OTHERWISE NOTED.
  - ALL UTILITY PIPING TWO INCHES (2") AND SMALLER TO BE SOCKET WELDED.
  - SHIM THICKNESS REQUIRED TO ACHIEVE CENTERLINE DIMENSION FROM BOTTOM OF SKID (FOR REFERENCE ONLY).  
 A. ENGINE: 3/8" SOLE PLATE w/.25" SHIMS  
 B. SGC233XL COMPRESSOR: 1/8" SOLE PLATE w/.125" SHIMS
  - 50" MIN. IS NEEDED IN FRONT OF TAIL END OF COMPRESSOR FOR REMOVAL OF COMPRESSOR SHAFT.
  - CONNECTIONS FOR OPTIONAL RECYCLE SUCTION PRESSURE, AND DISCHARGE PRESSURE CONTROL.
  - INLET TO OIL FILTER HOUSING WILL ALWAYS BE THE LOWER PORT AND THE OIL OUTLET TO THE COMPRESSOR WILL BE THE UPPER PORT.
  - ALL CONDUIT TO BE DIV. II

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**UNIT NUMBER LIST**  
 WHEN IDENTICAL ITEMS ARE REQUIRED FOR MULTIPLE UNITS

UNIT NO.	DESCRIPTION

**EQUIPMENT LEGEND**

ITEM	QTY	WEIGHT	DESCRIPTION
1800	1	.	COMP. BASE-W14x53# CB-195-233XL
1700	1	.	ENGINE RAIL-W14x53# ER-195-233XL
1600	1	.	SKID-W10x45# MS-195-233XL
1500	1	-	.
1400	1	-	DRIVE CPLG - OMEGA ES60
1300	1	.	COOLER - COOLER SERVICES L72S
1100	1	.	COMPRESSOR - FRICK 233XL
1000	1	2000#	ENGINE - CAT. 3306 TA

**ROTARY COMPRESSOR SYSTEMS, INC.**  
 P.O. BOX 60760  
 MIDLAND, TX 79711  
**RCSI**  
 3809 S. 1788  
 MIDLAND, TX 79706  
 CUSTOMER: **EPSA**

**VESSEL LEGEND**

ITEM	QTY	TYPE	POSITION	O.D.	D.P. P3IG	DWG. NO.	NO	DESCRIPTION	DATE	BY
1930	1	SEPARATOR	---	30"	230#	DS-195-233XL (REV.0)				
1901	1	SCRUBBER	SUCTION	24"	150#	SS-195-233XL (REV.0)		RELEASED FOR FABRICATION		

**REVISIONS**

NO	DESCRIPTION	DATE	BY

**PLAN VIEW**  
 CAT 3306TA / FRICK 233XL / L72S

DRAWN BY	SCALE	DATE	UNIT NO.	REV.
JJH	3/4"=1'-0"	03/26/02	SEE LIST	
JOB NO.	APVD. BY	NO. REQ'D.	APPROX. WEIGHT	DWG. NO.
SEE LIST			30,600#	410614-P