



REFERENCES			
NO.	AUTEUR/AUTHOR	TITRE / TITLE	ID DOCUMENT
1	PORT WELLER	EMERGENCY GENERATOR ROOM ARRANGEMENT	218-382/003
2	PICTOU INDUSTRIES	COMPRESSED AIR DIAGRAM	218-362 004
3	SCARDANA	FRAME SKID 1xL2 1x HATZ 1D81	14-1788-2222
4	ROBERT ALLAN	TECH. SPEC. FOR TYPE 1050 NAV. AID VESSEL	PROJECT 61-81

REVISIONS			
NO.	DATE	DESCRIPTION	PAR / BY
0	2014-10-17	FIRST ISSUE	JP HERNANDIZ

- NOTES
- ALL STRUCTURAL STEEL TO BE ASTM 44W TO BE PRIMED AND PAINTED AS PER ORIGINAL TECHNICAL SPECIFICATION.
 - ALL COMPRESSED AIR PIPING TO BE MADE OF STEEL ASTM-A53 OR EQUIVALENT SCH80.
 - ALL EXHAUST PIPING TO BE MADE OF STAINLESS STEEL GRADE 316L OR EQUIVALENT SCH20.
 - DRAIN AND VENT PLUGS TO BE ADDED TO ALL HIGH AND LOW POINTS OF THE COMPRESSED AIR SYSTEM TO ENSURE ADEQUATE DRAINAGE DURING WINTER LAY-UP.
 - ALL PIPES TO BE COLD MACHINE BENT. WHERE THIS IS NOT POSSIBLE LONG RADIUS FORGED STEEL ELBOWS TO BE USED.
 - ALL WELDING TO BE DOUBLE CONTINUOUS 6mm U.N.O.
 - ALL PIPES TO BE CLEAN AND FREE FROM SLAG OR DIRT PRIOR TO FINAL ASSEMBLY.
 - FLEXIBLE CONNECTION TO BE OF AN APPROVED TYPE (LLOYD'S).
 - THE COMPRESSOR UNIT SHALL BE SUPPLIED WITH THE FOLLOWING ACCESSORIES:
 - PRESSURE GAUGE WITH SHUT-OFF VALVE FOR FIRST & SECOND STAGE;
 - OIL-WATER SEPARATOR WITH DRAIN VALVE FOR FIRST & SECOND STAGE;
 - NON RETURN VALVE;
 - VIBRATION DAMPER;
 - FLEXIBLE HOSE FO AIR OUTLET 1" DIA.;
 - HAND (STARTER) CRANK;
 - ELECTRIC STARTER BOX.

- RESERVATION
- LATEST COMPRESSOR UNIT DIMENSION TO BE SUPPLIED ON PURCHASE.
 - BOXED DIMENSIONS TO BE CONFIRMED UPON EQUIPMENT RECEPTION.

MATERIAL LIST			
EQUIPMENT	MAKE	MODEL	QTY
COMPRESSOR KIT	SCARDANA	L2-15HD/LRS	1
SILENCER	E.I. WILLIAMS	GE 2-2	1
FLEXIBLE PIPE	APPGEGATE IND.	WW-2	1
BATTERY	N.A.	12V 55Ah	1
BATTERY CHARGER	N.A.	N.A.	1
PIPE	GRADE	SCHEDULE	QTY
1"ND	AST5-A53	80	1.5m
2"ND	SS 316L	20	4.5m
½"ND	SS 316L	40	0.1m
1" ELBOW 90DEG			2
2" ELBOW 90DEG LR		40	1
2" FLANGE, FF		150W	2
1" NPT UNION, F/F	FORGED STEEL	3000W	4
2" NPT UNION, F/F		150W	2
½" BALL VALVE	STAINLESS STEEL	150W	1
STEEL	GRADE	DIM	QTY
ANGLE BAR	44W	6" x 3½" x ½"	2.5m
ANGLE BAR	44W	1½" x 1½" x ½"	3m
PLATE	44W	½"	1m²
SERRATED GRATING	19-W-4	1"	0.5m²



CONCEPT NAVAL
EXPERTS-CONSEILS | GÉNIE MARITIME

CLIENT:
CANADIAN COAST GUARD

PROJET/PROJECT:
EARL GREY

TITRE/TITLE:
EMERGENCY AIR COMPRESSOR
INSTALLATION DRAWING

ECHELLE/SCALE: 1:10 FEUILLE N°/SHEET N°: 1 / 1

NOTES LIMITATIVES / RESTRICTIONS:

NO. DESSIN /DWG N°: C14-40-551-02	REV. 0	NO. DESSIN CLIENT/ CLIENT DWG N°:
PRÉPARÉ/PREPARED: JP HERNANDIZ	VÉRIFIÉ / CHECKED: J.C. L.	APPROUVÉ/APPROVED:

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