



MATERIAL	QTY	DESCRIPTION	LENGTH	WEIGHT
mb	13	C75 x 8	674	
md	13	L 51 x 51 x 8.4	1016	
mc	1	FB, 8 x 51		
nd	1	NON-SLIP CHECKER PLATE		

REV	DATE	DESCRIPTION
Δ	2001/03/06	REVISED TO SUIT TROLLEY GAGE
Δ	2001/01/22	ISSUED FOR FABRICATION

W.F. WELDING & OVERHEAD CRANES LTD.
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W.F. WELDING & OVERHEAD CRANES LTD.
GENERAL ASSEMBLY
20 TONNE T.R.D.G. OVERHEAD CRANES
 DRAFTED BY: R.S. DATE: 2001/03/06
 CHECKED BY: S.C. PFD: DESTINATION: NEW FABRICATION FACILITY
 SCALE: N.T.S. DRAWING NO: C2657A-01
 REV: 1

ENTERED MAR - 6 2005
PROFESSIONAL ENGINEER
RICHARD W. WILSON
ALBERTA

ITEM QTY	COMPONENT	DESCRIPTION
1	2	HOIST
2	2	TROLLEY
3	2	TROLLEY TRAVEL MACHINERY
4	2	BRIDGE TRAVEL MACHINERY
5	2	BRIDGE GIRDER (WELDED)
6	2	END TRUCKS
7	2	ELEC. PANEL, HOIST-TROLLEY
8	1	ELEC. PANEL, BRIDGE
9	1	PUSH BUTTON PENDANT
10	1	POWER FEED, PENDANT
11	1	POWER FEED, HOIST-TROLLEY
12	3	POWER FEED, BRIDGE
13	2	RUNWAYS
14	2	RUNWAY RAIL
15	1	FINISH: PRIMER, CRANE TOWER T101 DD - GREY
16	1	FINISH: PAINT, CRANE TOWER T210 - YELLOW
17	1	FINISH: PRIMER, RUNWAYS
18	0	FINISH: PAINT, RUNWAYS
19	1	DISCONNECT SWITCH
20	1	WALKWAY
21		
22		
23		
24		
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29		
30		

GENERAL SPECIFICATIONS	
RATED CAPACITY (BRIDGE)	20 TONNE
RATED CAPACITY PER HOIST	10 TONNE
BRIDGE SPAN	21625mm
LIFT AVAILABLE ON HOIST	9000mm
HOISTING SPEED(S)	8.0/1.3 m/min
TROLLEY SPEED(S)	24.3/6.1 m/min
BRIDGE SPEED(S)	39.6/9.9 m/min
HOIST-TROLLEY WEIGHT	1127kg./ea.
BRIDGE WEIGHT (APPROX.)	18,900kg.
CRANE CLASSIFICATION	CMMA CLASS C
ELECTRICAL CLASSIFICATION	EMMC 3
MAIN POWER SUPPLY (V/PH/Hz)	480/3/60
CRANE SURFACE PREPARATION	SSPC SP3
RUNWAY SURFACE PREPARATION	N/A
SHOP TEST / O.C.	WF STANDARD <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
SPECIAL ELECTRICAL REQUIREMENTS	N/A
TAG OR SPECIAL MARKING	C2657A

SHOP NOTES: (CANADA)
 1. N.A. = NOT APPLICABLE
 2. N.I.C. = NOT IN CONTRACT
 3. PLEASE CHECK FOR AND NOTE ANY NON-CONFORMING DIMENSIONS, ELEVATIONS AND ELECTRICAL SPECIFICATIONS.
 4. STEEL IS TO CONFORM TO CSA 350W FOR WIDE FLANGE & ANGLE SHAPES AND MINIMUM CSA 300W FOR ALL OTHER SHAPES AND PLATE WORK.
 5. BOLTS ARE TO CONFORM TO A.S.T.M. A325 3/4"Ø UNLESS NOTED.
 6. WELDS TO C.S.A. W59 LATEST EDITION.
 7. ALL CONSUMABLES FOR STRUCTURAL STEEL TO BE CONTROLLED HYDROGEN ELECTRODES E70XX OR E80XX UNLESS NOTED.
 8. ALL WELDS TO BE 1/4" CONTINUOUS FILET, FLARE OR BEVEL @ ALL STRUCTURAL JOINTS UNLESS NOTED.

INFORMATION INCLUDED IN THIS DRAWING IS PROPRIETARY AND IS NOT TO BE REPRODUCED, DISTRIBUTED, OR DISCLOSED EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY W.F. WELDING & OVERHEAD CRANES LTD.

C2657B
 COMP. REF. - WF - TRDG-003