

# ENGINEERING DATA FORM - HYDRAULIC

FORM PER GROUP



**G.A.L. Manufacturing Corporation**  
 50 East 153<sup>rd</sup> Street, Bronx, N.Y. 10451  
 Phone (718) 292-9000 Fax (718) 292-2034

G.A.L. NO.: \_\_\_\_\_

COMPANY NAME: \_\_\_\_\_ DATE: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_ E-MAIL: \_\_\_\_\_  
 CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_  
 JOB NAME: \_\_\_\_\_ CELL: \_\_\_\_\_  
 JOB ADDRESS: \_\_\_\_\_ JOB CITY: \_\_\_\_\_

ARE THERE ANY JOB SPECIFICATIONS?  YES  NO WERE JOB SPECIFICATIONS SENT TO GAL?  YES  NO  
 BUILDING LINE VOLTAGE: \_\_\_\_\_ VAC  AC 3 PHASE  AC 2 PHASE  60 HZ  50 HZ

GENERAL INFORMATION								
CAR NO.	1	2	3	4	5	6	7	8
SIMPLEX / GROUP								
PASSENGER / FREIGHT								
STOPS:								
OPENINGS:								
FRONT:								
REAR:								
SHORT FLOORS:								
CAPACITY (lbs)								
SPEED (FPM)								

MOTOR DATA (AC)								
<input type="checkbox"/> PURCHASING NEW		<input type="checkbox"/> KEEPING EXISTING		BRAND: _____			MODEL: _____	
FULL LOAD VOLTAGE:								
FULL LOAD AMPS:								
HORSE POWER:								
RPM:								

STARTER TYPE	
<input type="checkbox"/> ACROSS THE LINE	<input type="checkbox"/> SOFT START
<input type="checkbox"/> WYE DELTA	<input type="checkbox"/> WYE DELTA CONFIGURATION
	<input type="checkbox"/> IN LINE CONFIGURATION
<input type="checkbox"/> OTHER: _____	<input type="checkbox"/> DUAL PUMP UNITS (SEQUENCE START)

VALVE TYPE	
<input type="checkbox"/> MAXTON	<input type="checkbox"/> EECO
<input type="checkbox"/> BLAIN <input type="checkbox"/> BLAIN WITH MICROLEVELING	<input type="checkbox"/> GMV
<input type="checkbox"/> DOVER	<input type="checkbox"/> THE
<input type="checkbox"/> OTHER: _____	<input type="checkbox"/> BUCHER

VALVE COIL
COIL VOLTAGE MUST BE 120 VAC
No. OF COILS: _____

**FIRE CODE COMPLIANCE**

A17.1 \_\_\_\_\_ YEAR  
 CAN / CSA-B44:  2000  2004  2007  
 CHICAGO  
 NYC RS - 18

**DOOR DATA**

G.A.L. DOOR OPERATOR:

	F R		F R
<input type="checkbox"/> MOVFR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> MOCT	<input type="checkbox"/>	<input type="checkbox"/> MOD	<input type="checkbox"/>
<input type="checkbox"/> MAC PMSSC	<input type="checkbox"/>	<input type="checkbox"/> MOH / MOM	<input type="checkbox"/>
<input type="checkbox"/> ECI	<input type="checkbox"/>	<input type="checkbox"/> OTIS 6970	<input type="checkbox"/>
		<input type="checkbox"/> *OTHER:	<input type="checkbox"/>

DOOR TYPE:

<input type="checkbox"/> AUTOMATIC	F R
<input type="checkbox"/> AUTOMATIC W/ SWING DOOR	<input type="checkbox"/>
<input type="checkbox"/> MANUAL	<input type="checkbox"/>
<input type="checkbox"/> SWING DOOR	<input type="checkbox"/>

RETIRING CAM:

HP: \_\_\_\_\_  SINGLE PHASE  
 VOLTS: \_\_\_\_\_  3 PHASE  
 AMPS: \_\_\_\_\_  AC  DC

HEAVY DOOR: \_\_\_\_\_ FLOOR

POWER FREIGHT: \_\_\_\_\_ FLOOR

- \*  COURION
- \*  PEELE
- \*  OTHER: \_\_\_\_\_

\*NOTE: PLEASE SEND DOOR OPERATOR DIAGRAMS

**SECURITY**

CAR CALL LOCKOUTS (ACTIVATION IN CAR OPERATING PANEL)  
 KEY SWITCH OR  CARD READER

HALL CALL LOCKOUTS  
 KEY SWITCH OR  CARD READER

CAR CALL LOCKOUTS (ACTIVATION IN LOBBY)  
 KEY SWITCH OR  CARD READER

GIVE DESCRIPTION: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_

**SIGNAL FIXTURE DATA**

CAR CALLS:  
 120VAC  24VAC

NUMBER OF CAR STATIONS PER CAR: \_\_\_\_\_

- BOARD ON TOP OF CAR (TOC ONLY W/ 120V)
- BOARD IN CAR OPERATING PANEL (COP)
- BOARD IN CONTROLLER

HALL CALLS:  
 120VAC  24VAC NUMBER OF RISERS: \_\_\_\_\_

LANTERNS:

<input type="checkbox"/> GONGS	<input type="checkbox"/> CHIMES
<input type="checkbox"/> CAR LANTERNS	<input type="checkbox"/> 120VAC
<input type="checkbox"/> HALL LANTERNS	<input type="checkbox"/> 120VAC <input type="checkbox"/> 24 VAC

LOBBY LANTERN OR  THIS CAR UP

120VAC  
 24VAC

POSITION INDICATORS:

CAR: <input type="checkbox"/> DIGITAL	HALL <input type="checkbox"/> DIGITAL
<input type="checkbox"/> MULTILIGHT	<input type="checkbox"/> MULTILIGHT
<input type="checkbox"/> GENERIC BINARY	<input type="checkbox"/> GENERIC BINARY

TOTAL No OF PI'S \_\_\_\_\_

VOICE ANNUNCIATOR  
 TYPE: \_\_\_\_\_  CE-3 WIRE OTHER: \_\_\_\_\_

DIGITAL DRIVER BY G.A.L.:

CE-3 WIRE  
 E-MOTIVE

DIGITAL DRIVER BY OTHERS: \_\_\_\_\_

ALTERNATE FLOOR MARKINGS

CE-3 WIRE  E-MOTIVE

SIGNAL FIXTURES BY:

G.A.L.  
 FIXTURE MANUFACTURER: \_\_\_\_\_  
 SEND BOARDS TO: \_\_\_\_\_  
 PRE-WIRED CAR STATION (ONLY W/ GAL FIXTURES)

NOTE: \_\_\_\_\_

**CAR OPERATING FEATURES**

- ATTENDANT **OR**  CAR SWITCH
- ATTENDANT ANNUNCIATOR LIGHTS
- DOOR HOLD  DOOR HOLD WITH LIGHT
- EMERGENCY POWER SEQUENCE
- EMERGENCY POWER INTERGROUP  
(ONLY W/ GAL CONTROLLERS)  
NUMBER OF GROUPS: \_\_\_\_\_  
LIST CARS PER GROUP: \_\_\_\_\_  
# OF FLOORS PER GROUP: \_\_\_\_\_
- HANDICAP BUZZER
  - ALWAYS ENABLED  1 TRIP ENABLED ("S" BUTTON)
  - CC BEEP  1 TRIP ENABLED W/ CC BEEP
- IN CAR INSPECTION
- INDEPENDANT
- JACK RESET (RE-SYNC)
- LOW OIL
- LOW PRESSURE
- OIL THERMOSTAT INTERFACE

**HALL OPERATING FEATURES**

- ELEVATOR OFF SWITCH:
  - IN COP  IN HALL STATION
  - IN COP AND HALL
- MA. EMERGENCY MEDICAL SERVICE (EMS)
- HOISTWAY ACCESS
  - UPPER  LOWER
- HUGS (WANDERING PATIENT - BABY ABDUCTION)
- LOBBY MONITOR (1 PER GROUP)
- INCONSPICUOUS RISER CAR No. \_\_\_\_\_
- KEY CAR TO LOBBY
  - PARK WITH DOORS OPEN
  - PARK WITH DOORS CLOSED

- REMOTE CAR CALL STATION (IN LOBBY)
- SABBATH SERVICE
- VIP

**CONTROLLER FEATURES**

- BLOWER MOTOR MOUNTED HOIST MOTOR:
  - VOLTS: \_\_\_\_\_
  - PHASE: \_\_\_\_\_
  - HP: \_\_\_\_\_
- CABINET LEGS 8"
- EMERGENCY LOWERING (LOSS OF POWER)  
*NOTE : NOT AVAILABLE W/ POWER FREIGHT DOORS*
- EARTHQUAKE W/ CW DERAILMENT
- FORCED VENTILATION (CHOOSE ONLY ONE):
  - AIR CONDITIONING (REQUIRES LARGER CABINET)
  - FAN
- GATE AND LOCK BYPASS LIGHT (RUDY'S RULE-MARYLAND)
- MACHINE ROOM MONITOR
- REVERSE PHASE RELAY

**HOISTWAY FEATURES**

- REDUCED STROKE BUFFER

**OTHER FEATURES**

- CROSS-CANCELLATION (EXISTING RELAY CONTROLLER)
- CROSS-ASSIGNMENT (EXISTING MICRO-CONTROLLER)
- NOTE: FORWARD THE EXISTING DISPATCH-CONTROLLER WIRING DIAGRAM TO INTERFACE W/ THE NEW GALAXY CROSS-ASSIGNMENT OR CROSS-CANCELLATION PANEL*

**BUILDING MONITOR SYSTEM**

- LIFT-NET SYSTEM
  - DIRECT CONNECTION  MODEM CONNECTION
  - ETHERNET CONNECTION  INTERFACE ONLY

**OTHER**

- SPARE SET OF SOLID STATE PCB BOARDS (CONTROLLER ONLY)
- SELECTOR WITH TAPE
- TAPELESS SELECTOR (LIVESHAFT GOVERNOR REQUIRED)

POSITION	FLOOR MARKINGS	ALTERNATE FLOOR MARKINGS*	DISTANCE BETWEEN FLOORS	CAR #1		CAR #2		CAR #3		CAR #4		CAR #5		CAR #6		CAR #7		CAR #8	
				F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R
OH																			
15																			
14																			
13																			
12																			
11																			
10																			
9																			
8																			
7																			
6																			
5																			
4																			
3																			
2																			
1																			
PIT:																			
TOTAL LENGTH:																			

\* ALTERNATE FLOOR MARKINGS AVAILABLE (PI's ALTERNATE MARKINGS AT 3 SECOND INTERVALS)