

WORKSAFE VICTORIA

REGISTRATION/NOTIFICATION OF PLANT DESIGN

Nov 2011

Office use only checklist
(please circle)

This Registration will also be considered a Notification of Plant Design under *Equipment (Public Safety) Regulations 2007*. Please refer to General Information and Instructions at the end of this form for guidance on completing and submitting this application.

1. Design of Plant to be Registered (Tick one box only)

- | | | |
|--|---|--|
| <input type="checkbox"/> Pressure Equipment (pressure vessels and boilers) Categorised as Hazard Level A, B, C, D (see note 1) | <input type="checkbox"/> Hoist with Platform Movement in Excess of 2.4 metres and Designed to Lift People | <input type="checkbox"/> Boom-type Elevating Work Platform |
| <input type="checkbox"/> Tower Crane | <input type="checkbox"/> Suspended Work Box | <input type="checkbox"/> Bridge Crane/Gantry Crane (see note 3) |
| <input type="checkbox"/> Self Erecting Tower Crane | <input type="checkbox"/> Amusement Structures (other than Class 1) (see note 2) | <input type="checkbox"/> Vehicle Hoist |
| <input type="checkbox"/> Lift/Escalator/Moving Walk | <input type="checkbox"/> Prefabricated Scaffolding | <input type="checkbox"/> Mast Climbing Platform |
| <input type="checkbox"/> Building Maintenance Unit | | <input type="checkbox"/> Mobile Crane with a SWL Greater than 10 tonne |

Plant type?
Y N

Notes

- Hazard levels of boilers or pressure vessels can be determined by referencing Australian Standard AS 4343.
- Only powered Amusement Structures other than Class 1 structures, to which AS 3533 – Amusement Rides & Devices applies, require Registration of Plant Design.
- Only Gantry Cranes with a SWL greater than 5 tonnes, Bridge Cranes with a SWL greater than 10 tonnes and any gantry/bridge crane which is designed to carry molten metal or dangerous goods, require Registration of Plant Design.

2. Entity (Person) Registering Plant Design

(Complete section 2.1 and 2.1.1 if applying on behalf of an Organisation or Body Corporate. Complete Section 2.2 if applying as an individual)

2.1. Organisation Details

Full Legal Name of Organisation

Trading As

ABN

ACN

Registered Office Address

Suburb/Town

State

Postcode

Street Address/Postal Address

Suburb/Town

State

Postcode

2.1.1. Contact Person's Details

Title

Surname

Given Name

Telephone

Mobile

Fax

Email Address

Is section 2 complete?
Y N

Details verified to ID?
Y N

ID Ref.

Trim No.

2. Entity (Person) Registering Plant Design (cont.)

2.2. Individual Details

| | | |
|---|----------------------|---|
| Title | Surname | Given Name |
| <input type="text"/> | <input type="text"/> | <input type="text"/> |
| ABN | | |
| <input type="text"/> | | |
| Telephone | Mobile | Fax |
| (<input type="text"/>) <input type="text"/> | <input type="text"/> | (<input type="text"/>) <input type="text"/> |
| Email Address | | |
| <input type="text"/> | | |
| Street Address | | |
| <input type="text"/> | | |
| Suburb/Town | State | Postcode |
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

3. Designer of Plant

| | | |
|--|----------------------|----------------------|
| Name | <input type="text"/> | |
| Employed by | <input type="text"/> | |
| Business Address | Postcode | |
| <input type="text"/> | <input type="text"/> | |
| Postal Address | Postcode | |
| <input type="text"/> | <input type="text"/> | |
| Telephone | Facsimile | Mobile |
| <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Email | | |
| <input type="text"/> | | |
| List Titles, Numbers and Year of Publication of any Published Technical Standards used in the Design | | |
| <input type="text"/> | | |
| <input type="text"/> | | |
| List of Engineering Principles used in the Design (if applicable) | | |
| <input type="text"/> | | |
| <input type="text"/> | | |

Designer details complete?
Y N

Titles, No's, Year of Publication of Technical Standards Used in the Design or List of (at least one of these must be completed)

Engineering principles?
Y N

4. Design Verifier's Statement (Design verifier must not have participated in the design)

Please complete the verifier's signature in blue ink and include original, signed copy in the submission.

Name

Qualifications

Employed by

Business Address Postcode

Postal Address Postcode

Telephone Facsimile Mobile

Email

I hereby verify that the design portrayed on this registration has been produced in accordance with the record of published technical standards and/or engineering principles recorded by the designer.

Signature Date

Print Name

NOTE: The Code of Practice for Plant states that Design Verifiers should have acquired, through academic qualifications or design experience, the knowledge and skills to independently verify the tasks performed by the designer.

Verifier details complete?
Y N

Is verifier different from designer? (must be different)
Y N

5. Attached Representational Drawings

All drawings submitted must be in the English language.

All text in drawings and accompanying documentation submitted must be in the English language.

Title of Drawing Drawing Number Revision Number

NOTE: Any drawings submitted may be subject to Freedom of Information requests. Information relating to trade secrets or other matters of commercial or financial nature should be marked "TRADE SECRET".

Drawings?
Y N

6. Proposed Location of Plant (if known)

Owner

Address Postcode

Location?
Y N

7. Company/Person Responsible for Importing Plant into or Supplying Plant within Victoria

Name

Telephone Facsimile Mobile

Address Postcode

Email

Import company?
Y N
Must be completed if Designer and Design Verifier are located overseas

8. Plant Identification and Technical Details (complete the relevant section for the plant type applicable to this Registration)

8a. Pressure Equipment - Boiler

This refers to a boiler as defined in AS/NZS 1200 Pressure equipment with a hazard level A, B, C or D as determined by AS 4343 Pressure equipment - Hazard levels.

Manufacturer Model Number

Type (Tick one)

- Water Tube BWT Coil Type Steam Generator BSG
 Fire Tube BFT Vertical Tubeless BVT
 Electric BEL Other (specify)

Technical Details

Boiler Output MW Design Pressure MPa
Volume (Litres) Design Temp. Deg. C

Boiler Firing Medium (specify)

What does the Boiler Produce? Steam Hot Water > 100°C Other (specify)

Attendance Category of Boiler to AS 2593 Fully Attended Limited Attendance Unattended

BOILER HAZARD LEVEL AS PER AS 4343 A B C D

(attach determination calculations)

8b. Pressure Equipment - Pressure Vessel

This refers to a pressure vessel as defined in AS/NZS 1200 Pressure equipment, with a hazard level A, B, C or D as determined by AS 4343 Pressure equipment - Hazard levels, or a fired heater, or a gas cylinder. It does not include a boiler or pressure piping.

Name of Vessel Manufacturer of Vessel

Model Number/Identification Number

Steam Vessel (Tick one)

- Steam Jacketed Vessel PEJ De-aerator PED Steam Vessel with Quick Actuating Closure PEQ
 Other Steam Vessel PEO (specify)

Miscellaneous Vessel (Tick one)

- Air Receiver PAR Process Vessel (including heat exchangers) PEP
 Auxiliary Vessel PEA Static Storage (non-corrosive) PSN
 Static Storage (corrosive) PSC Vacuum Vessel VAC
 Buried or Mounded Vessel PEB Water Heaters PWH
 Fire Heaters/Convection Bank PFH Static Low Temperature Vessel PSL
 Refrigeration & Air Conditioning Vessel PRA Heated Vessel (other than steam) with Quick Acting Closure PHQ
Transportable Pressure Vessel (Tick one) Powder Discharge - Carbon Steel Construction PDC
 Bulk (LPG, ammonia) - Quenched & Tempered Construction PTQ Powder Discharge - Aluminium Construction PDA
 Bulk (LPG, ammonia) - Carbon Steel Construction PTC Automotive - LPG Fuel Vessel
 Low Temperature PTL Gas Cylinders per AS 2030 - PVG
 Serially Produced Vessel per AS 2971
 Other (specify) PTO

Technical Details

Details Tube Shell Jacket Other Specify

Design Pressure (Max/Min) MPa Volume (litres) Design Temp (Max/Min) °C

For dual pressure, volume or temperature vessels, eg heat exchangers, jacketed vessels etc, provide second set of values

Details Tube Shell Jacket Other Specify

Design Pressure (Max/Min) MPa Volume (litres) Design Temp (Max/Min) °C

Vessel Contents

Vessel Contents Hazard Category (tick one) Lethal Very Harmful Harmful Non Harmful

PRESSURE VESSEL HAZARD LEVEL AS PER AS 4343 A B C D

(attach determination calculations)

Relevant details for plant type completed?
Y N

Boiler make?
Y N

Boiler type?
Y N

Firing medium?
Y N

Technical details?
Y N

Hazard level?
Y N

Attendance category?
Y N

Vessel type?
Y N

Technical details?
Y N

Vessel contents?
Y N

Hazard category?
Y N

Hazard level?
Y N

8. Plant Identification and Technical Details (cont.)

8c. Tower Crane (including Self-Erecting Tower Crane)

This refers to a boom or jib crane mounted on a tower structure.

Self-Erecting Tower Crane

Manufacturer of Crane

Model Number/Identification Number

Type (Tick one) Non Luffing Luffing

If Luffing type, how is the crane luffed? Winch Hydraulic Cylinder

Technical Details

Max. SWL t Max. Boom Length m Max. Radius m Max. Free Standing Height m

Type (Tick one) Concrete Base Steel Grillage
 Rail Mounted Internal Climber

8d. Lift/Escalator/Moving Walk

This refers to permanent plant, or plant intended to be permanently installed in or attached to a building or structure in which people, goods or materials may be raised or lowered within a car or cage, or on a platform and the movement of which is restricted by a guide or guides and includes an escalator, moving walk and stairway lift.

Manufacturer of Lift

Model Number/Identification Number

Type (Tick all that apply)

Passenger Goods
 Escalator LES Electric LPE
 Stairway LSW Hydraulic LPH
 Special Purpose (Industrial) LSP Service LSL
 Limited Mobility LMB Moving Walk LMW
 Water LWW Inclined LIC

Technical Details

Max SWL/Rated Load kg No of Passengers Speed of Lift (m/s)

Number of Floors Serviced

Size of Car Length m Width m Height m Floor area m²

Lift Motor Control Single Speed AC Two Speed AC Variable Voltage AC
 Variable Frequency Variable Voltage DC-Static Variable Voltage DC-Motor Generator
 Other

8e. Building Maintenance Unit

This refers to a power operated appliance with a suspended platform, permanently installed or intended to be permanently installed on a building and specifically designed to provide access to the facade of the building, for persons working from the platform.

Manufacturer of Unit

Model Number/Identification Number

Technical Details

Max. SWL kg Number of Floors Serviced

Size of Platform Length m Width m Height of Box m

Hoist Motor Location Platform Roof Hoist Power Source

Crane maker?

Y N

Model number?

Y N

Crane type?

Y N

Technical details?

Y N

Lift maker?

Y N

Lift type?

Y N

Technical details?

Y N

BMU maker?

Y N

Technical details?

Y N

8. Plant Identification and Technical Details (cont.)

8f. Hoist

This refers to an appliance intended for raising or lowering a load or people, and includes a mast climbing work platform, personnel and materials hoist, platform hoist, scaffolding hoist and serial hoist but does not include a lift or building maintenance equipment.

Manufacturer of Hoist

Model Number/Identification Number

Type (Tick one)

- Scissor Lift Platform Hoist Designed to Service Two Levels Only
 Serial Hoist (designed to lift people) Aerial Platform
 Personnel & Materials Hoist Other (specify)
 Scaffolding Hoist

Technical Details

Max. SWL kg Max. Working Height m Max. Free Standing Height m

Power Source

8g. Suspended Work Box

This refers to a personnel carrying device, designed to be suspended from a crane (does not include a Forklift Truck Work Platform).

Manufacturer of Work Box

Model Number/Identification Number

Technical Details

Max. SWL kg Suspension System

Size of Work Box Length m Width m Height m

8h. Amusement Structure (Excluding Class 1 Structures)

This refers to powered equipment operated for hire or reward that provides entertainment or amusement through movement of the equipment, or part of the equipment, or when passengers travel on, around or along the equipment.

Manufacturer of Structure

Model Number/Name

Type (Tick one)

- Fixed Structure ASF Mobile Structure ASM Class According to AS 3533

Technical Details

Power Source

Type of Structure (eg Ferris Wheel, Roller Coaster, Chair Lift etc)

Name of Amusement Ride

8i. Prefabricated Scaffolding

This refers to an intergrated system of prefabricated components manufactured in such a way that the possible geometry of assembled scaffolds is pre-determined by the designer.

Manufacturer of Prefabricated Scaffolding

Model Number/Identification Number

- Modular Type SPM Tower Frame Type SPT Frame Type SPF

Description of Design (including duty live loads, height etc)

Hoist maker?
Y N

Model number?
Y N

Hoist type?
Y N

Technical details?
Y N

Work box maker?
Y N

Technical details?
Y N

Structure maker?
Y N

Structure type?
Y N

Technical details?
Y N

Prefabricated scaffolding maker?
Y N

Scaffold type?
Y N

Scaffold description?
Y N

8. Plant Identification and Technical Details (cont.)

8j. Boom Type Elevating Work Platform

This refers to a telescoping device, hinged device, or articulated device or combination of those devices used to support, elevate and position personnel, equipment or materials by means of a platform.

Manufacturer of Platform

Model Number/Identification Number

Type (Tick one) Vehicle Mounted Self Propelled Other Specify

Technical Details

Propulsion Type Self Propelled Pedestrian Controlled Manually Propelled

Max. SWL kg Max. Working Height (to bottom of basket) m Max. Radius m

Boom Type Hydraulic Extension Knuckle Boom

8k. Gantry Crane/Bridge Crane

"Gantry Crane" refers to a crane which consists of a bridge beam or beams, which are supported at one or both ends by legs mounted to end carriages, and it capable of travelling along runways, and has one or more hoisting mechanisms.

"Bridge Crane" refers to a crane comprising a bridge or beam or beams, mounted at end carriages at each end, capable of travelling along elevated runways, and having one or more hoisting mechanisms.

Manufacturer of Crane

Model Number/Identification Number

Type (Tick one)

- Gantry Crane with SWL Greater than 5 Tonnes CGY
 Bridge Crane with SWL Greater than 10 Tonnes CBG
 Gantry Crane or Bridge Crane handling Molten Metal CMM
 Gantry Crane or Bridge Crane handling Dangerous Goods CDG

Technical Details

Max. SWL t Number of Hoists Hoist Capacities t t

Max. Height of Bridge above Ground m Max Span of Bridge m

Control Type Cabin Pendant/Radio

8l. Vehicle Hoist

This refers to a hoist which is permanently installed or intended to be permanently installed in a workplace to elevate a vehicle to allow work to be performed on the vehicle.

Manufacturer of Hoist

Model Number/Identification Number

Type (Tick one) 1 Post 2 Post 4 Post etc Scissor

Technical Details

Max. SWL kg Max. Working Height m

8m. Mast Climbing Work Platform

This refers to a plant with a working platform used to support and elevate personnel, equipment and materials by means of a drive system which moves along an extendable mast.

Manufacturer of Platform

Model Number/Identification Number

Mast Type Single or Double

Type of Base Fixed or Trailer Mounted Other Specify

Technical Details

Max. SWL kg Max. Working Height m Max. Free Standing Height m

Platform maker?

Y N

Model number?

Y N

Platform type?

Y N

Technical details?

Y N

Crane maker?

Y N

Crane type?

Y N

Technical details?

Y N

Hoist maker?

Y N

Model number?

Y N

Hoist type?

Y N

Technical details?

Y Nh

Hoist maker?

Y N

Mask type?

Y N

Technical details?

Y N

