

PTW REFERENCE



INTRODUCTION

When implementing the Permit to Work (PTW) process, it's crucial to adhere to a set of regulations and standards designed to ensure safety, efficiency, and compliance. The documents below provide a framework that helps maintain consistency, quality, and legal conformity across PTW operations. By understanding and following these regulations and standard and procedures CS Energy can mitigate risks, enhance performance, and achieve their objectives more effectively. The following list outlines the key regulations and standards associated with this process.

1. ACTS AND REGULATIONS

These Acts and Regulations are designed to ensure the safety of workers and the public by setting clear standards and responsibilities for electrical work and equipment.

- QLD – Workplace Health and Safety Act 2011
- QLD – Workplace Health and Safety Regulation 1997
- QLD – Electrical Safety Act 2002
- QLD – Electrical Safety Regulation 2013
- QLD – Radiation Safety Act 1999
- QLD – Radiation Safety Regulation 1999

2. AUSTRALIAN STANDARDS

Australian Standards are published documents that set out specifications, procedures, and guidelines to ensure products, services, and systems are safe, reliable, and consistently perform as intended. They play a vital role in ensuring quality and safety in various industries, contributing to the overall well-being and stability of CS Energy.

- AS/NZS 1200:2015– Pressure Equipment
- AS 1210-2010– Pressure Vessels
- AS 1319-1994– Safety Signs for the Occupational Environment
- AS 1657-2018 – Fixed Platforms, Walkways, Stairways and Ladders – Design, Construction and Installation
- AS 1674.1-1997 – Safety in Welding and Allied Processes – Fire Precautions
- AS 1674.2-2007– Safety in Welding and Allied Processes – Electrical
- AS 1680.1-1990 – Interior Lighting Part 1: General Principles and Recommendations
- AS 1891.1-2020– Industrial Fall Arrest Systems and Devices – Safety Belts and Harnesses
- AS 1891.2 -2001– Industrial Fall Arrest Systems and Devices – Static Lines
- AS 1891.3 2020– Industrial Fall Arrest Systems and Devices – Fall-arrest Devices
- AS 1891.4-2009 – Industrial Fall Arrest Systems and Devices – Fall-arrest Systems and Devices – Selection, Use and Maintenance
- AS 1966.1-1985 – Electric Arc Welding Power Sources – Transformer Type
- AS 1966.2 -1985– Electric Arc Welding Power Sources – Rotary Type
- AS 1966.3-1990 – Electric Arc Welding Power Sources – Plasma Arc Cutting and Welding Types
- AS 2177.1-1994 – Non-Destructive Testing – Radiography of Welded Butt Joints in Metal
- AS 2243.4-2018– Safety in Laboratories – Part 4: Ionising Radiations
- AS 2381-2005 – Electrical Installations for Explosive Atmospheres – Selection, Installation and Maintenance
- AS 2865 -1995– Safe Working in a Confined Space
- AS 2927-2019 – The Storage and Handling of Liquefied Chlorine Gas
- AS 3195 -20002– Approval and Test Specification – Portable Machines for Electric Arc Welding and
- AS 3873-2001 – Pressure Equipment – Operation and Maintenance
- AS 3998-2006– Non-Destructive Testing – Qualification and Certification of Personnel – General Engineering
- AS 4041 -2006– Pressure Piping
- AS 4343-2014– Pressure Equipment – Hazard Levels
- AS 4360-2004 – Risk Management
- AS 5601 2013– Gas Installations

3. ADVISORY STANDARDS

PERMIT TO WORK DOCUMENT SUITE

The Queensland Advisory Standards below are guidelines designed to help CS Energy workers comply with the Workplace Health and Safety Act. These standards cover a range of topics to ensure safety and health in various work environments. Here are some key points:

- Purpose:** Provides practical advice on how to meet the legal requirements of the Workplace Health and Safety Act.
- Implementation:** Not legally binding but serve as a benchmark for best practices in workplace safety.
- Updates:** The standards are periodically reviewed and updated to reflect new safety practices and technologies.

- QLD – Advisory Standard – Welding (WTIA Health & Safety in Welding Technical Note Number 7)
- QLD – Advisory Standard – Risk Management - 2000
- QLD – Advisory Standard – Plant - 2000
- QLD – Advisory Standard – Excavation - 2000

4. CODES OF PRACTICE

The Queensland Codes of Practice for working near exposed live parts and electrical work provide comprehensive guidelines to ensure safety and compliance. They are designed to provide practical guidance for CS Energy workers to manage electrical risks effectively and ensure a safe working environment.

- QLD – Code of Practice – Working Near Exposed Live Parts - 2002
- QLD – Code of Practice – Electrical Work – 2002
- QLD - Code of Practice - Electricity Generators Permit To Work -2002

5. CS ENERGY – PTW DOCUMENT SUITE

The CS Energy Permit to Work (PTW) document suite is a comprehensive safety system designed to manage and control work activities involving hazardous energy sources. This suite of documents is designed to minimize risks and ensure the safety of all workers involved in maintenance and operational tasks at CS Energy sites.

- [B/D/11/19582](#) – Procedure – CS-PTW-01 – Permit to Work
- [B/D/11/19573](#) – Procedure – CS-PTW-HAZ-01 – Hot Work
- [B/D/11/19581](#) – Procedure – CS-PTW-HAZ-02 – Working at Heights
- [B/D/11/39828](#) – Procedure – CS-PTW-HAZ-03 – Working in Confined Spaces
- [B/D/11/19576](#) – Procedure – CS-PTW-HAZ-04 – Digging Excavation and Building Penetration
- [B/D/12/1361](#) - Procedure – CS-PTW-HAZ-05 – Unprotected Edges
- [B/D/12/77351](#) – Procedure – CS-PTW-ISO-01 – Safe Mechanical Isolation
- [B/D/11/30957](#) – Procedure – CS-OHS-31- Electrical Safety Management
- [B/D/13/13831](#) - Procedure - CS-PTW-SOP-01 – Isolation of Non-Operational Plant by the OIC
- [B/D/11/19583](#) - Procedure - CS-PTW-SOP-02 – Authorisation and Training
- [B/D/11/45320](#) - Procedure - CS-PTW-SOP-03 – Multiple Officers in Charge of Work
- [B/D/11/19575](#) - Procedure - CS-PTW-SOP-05 – Performing Minor Tasks on Plant
- [B/D/12/10395](#) - Procedure - CS-PTW-SOP-06 – PTW Change Management
- [B/D/13/4385](#) - Procedure - CS-PTW-SOP-07 – Confined Space Declassification
- [B/D/16/1777](#) - Procedure - CS-PTW-SOP-09 – OIC Point of Control (POC) Isolations
- [B/D/18/14824](#) - Procedure - CS-PTW-SOP-10 – Chinchilla BESS - Permit to Work - Paper System
- [B/D/16/1664](#) - Procedure - CS-PTW-SOP-11 – Person in Charge of Work (PICW) Management
- [B/D/18/24489](#) - Procedure - CS-PTW-SOP-12 – Contractors Performing Work on Mobile Plant and Equipment
- [B/D/16/28211](#) - Procedure - CS-PTW-SOP-13 - Managing Unlockable Isolation Points
- [B/D/20/16008](#) - Procedure - CS-PTW-SOP-15 - Draft a WCD / Set and Prepare
- [B/D/20/16022](#) - Procedure – CS-PTW-SOP-16 - PTW Suspension
- [B/D/24/10478](#) - Procedure - CS-PTW-SOP-17 – Restricted Local Permit
- [B/D/20/16505](#) - Procedure - CS-PTW-SOP-18 - PTW Issue / Commence Work / Surrender
- [B/D/20/16587](#) - Procedure - CS-PTW-SOP-19 - WCA Application / Draft / Approval
- [B/D/23/5145](#) - Procedure - PTW-SOP-20 - Safe System of Work - Chinchilla BESS
- [B/D/12/11085](#) – Procedure – CS-OHS-36 - Barricading and Signage
- [B/D/11/48694](#) - Procedure – CS-OHS-53 – High Voltage Electrical Isolation and Access
- [B/D/11/30960](#) – Procedure – CS-OHS-34 - Electrical Safety Equipment and PPE