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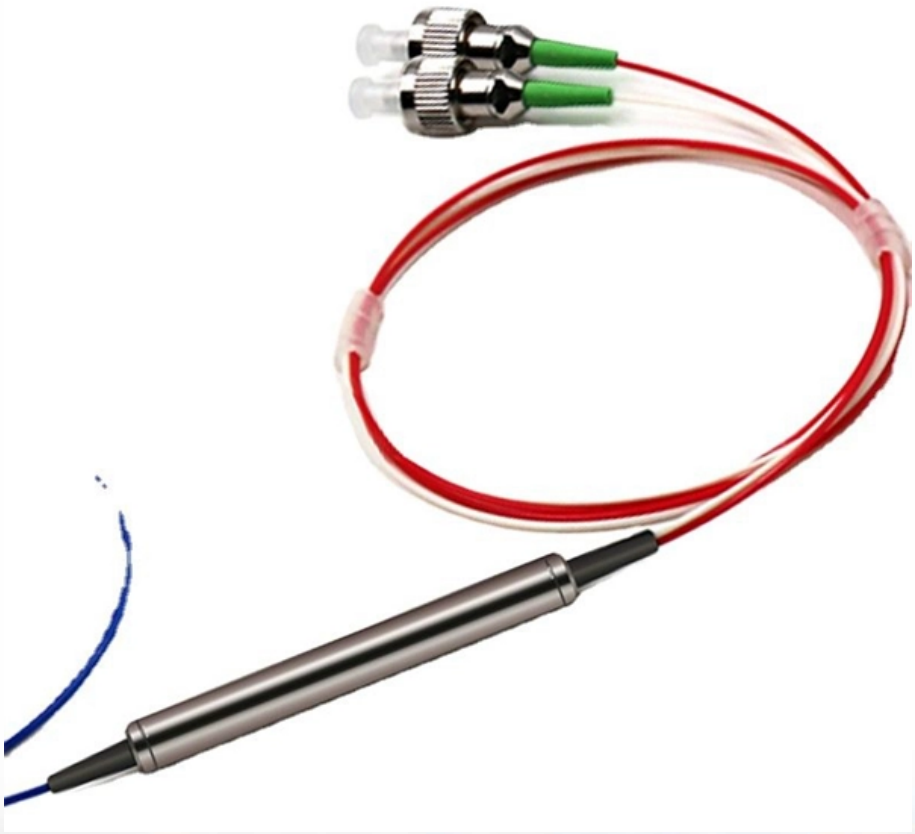
Australian Bridge-Type Formwork Scaffolding Standards



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Overview

It was approved on behalf of the Council of Standards Australia on 10 August 2020. It is part of a series of guides for formwork and falsework that includes the: Information Sheet: Formwork and falsework.

Formwork and Falsework , Baseline

Falsework can be used to support formwork for in-situ concrete, prefabricated concrete elements, steel sections or stone arches e.g. during bridge construction. The major risks related to formwork include

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Australian Standards AS 1761 Helical Lock-Seam Corrugated Steel Pipes AS 3610 Formwork for Concrete AS 3610.1 Formwork for Concrete Part 1: Specifications

3. Guide to falsework

Although commonly referred to as being part of formwork assembly, the formwork supports including joists, bearers, bracing, foundations and footings are technically referred to as falsework. Further

Guidelines for scaffolding

Guidelines for scaffolding AS 4576:2020 This Australian Standard® was prepared by BD-036, Scafolding. It was approved on behalf of the Council of Standards Australia on 10 August 2020. This

Scaffolding Australian Standards: Your Questions

TheAS/NZS1576consistsofAustralianscaffoldingStandardsthatprovidespecifications and guidelines for the design, prefabrication, erection,

Guide to Scaffolds and Scaffolding

Guide to suspended (swing stage) scaffolds Guide to scaffold Inspection and maintenance, and Information Sheet: Tower and mobile scaffolds. Further information for scaffolding work near

SCAFFOLDING OVERVIEW Scaffolding basics terminology

Scaffolding - Australian Standards 1576 This Australian Standard specifies performance requirements and methods of structural and general design for access and working scaffolds. In general these

Australian Standard for Scaffolding (AS/NZS 1576)

The AS/NZS 1576 scaffolding series is the primary Australian standard for scaffolding. It applies to any type of assembly or dismantling, the

Guide to formwork

All formwork drawings should be certified as complying with applicable Australian Standards. Components from different formwork systems should not be mixed unless a competent person, for

General Guide for Scaffolds and Scaffolding Work

This General Guide provides information on how to manage risks associated with scaffolds and scaffolding work at a workplace. It is supported by guidance material for specific types of scaffolds

Scaffolding Requirements on Work Sites

Scaffolding Requirements on Work Sites Scaffolding Requirements on Work Sites Essential Scaffolding Compliance In the realm of construction and

Guide to Slip, Jump and Travelling Formwork Systems

FIGURE 3 Travelling formwork for bridge construction It may not always be practicable to provide an access system and working environment on a jump form or slip form of the same standard as

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CODE OF PRACTICE FORMWORK

Scaffolding should not be used to support formwork and plant unless the scaffold installation is specifically designed for this purpose in consultation with a structural engineer.

Australian Standard for Scaffolding (AS/NZS 1576)

Australia's scaffold regulation guidelines cover scaffold standards for safe use. Read Scaffolding Standards Australia AS/NZS 1576 to AS/NZS 4576.

it supports the plastic and hardening concrete

Formwork has a dual function in concrete construction - it supports the plastic and hardening concrete until it is sufficiently strong to support the actions/loads imposed upon it, and it imparts a finish to the

Scaffolding Code of Practice 2021

These types of equipment may include formwork support systems erected primarily for the support of concrete and should be designed and used in accordance with AS 3610 and the Formwork Code of

Fact Sheet - Scaffolding in Construction

Scaffold risks in construction Working with Scaffolding can involve a range of hazards and risks including falls from height, falling objects, structural collapse, working near powerlines, interaction with mobile

INDUSTRY GUIDE FOR FORMWORK

All materials and equipment used in formwork construction must be fit for the intended purpose, meet design specifications and be designed to conform to relevant Australian Standards.

6. Formwork and falsework information sheet

Where scaffolding is used to erect formwork and falsework, it must comply with the requirements for scaffolding including using licensed scaffolders. Further information on scaffolds is in the General

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Formwork and falsework

This page provides guidance for persons conducting a business or undertaking (PCBUs) and workers on the risks posed when working with formwork and falsework in the workplace.

Australian Standard for Scaffolding

The Australian standard for scaffolding stipulates that only certified, competent people may design scaffolds. They should also oversee assembly, and a similarly competent expert must inspect the

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Formwork shall be designed and fabricated and erected and dismantled so that all formed concrete surfaces achieve the specified uniform surface finish and texture without patching or plastering or

Formwork and falsework

Formwork includes the forms on or within which concrete is poured, and the frames and bracing which provide stability during the assembly, pour and curing stages. Formwork construction may involve

Australian Standard for Scaffolding

All scaffolding assembly and operation in Australia is guided by official Work, Health and

Safety (WHS) regulations. The aim is to ensure that scaffolding is assembled according to the correct standards

Design Criteria for Bridges and Other Structures

This set of design criteria is intended to compliment AS(/NZS) 5100 Bridge design, which is to be adopted as the principal design reference for bridges and other structures, unless noted otherwise in

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