1. Record Nr. UNISA996212105303316 Autore Hayward Alan (Alan T. J.) Titolo Steel detailers' manual [[electronic resource] /] / Alan Hayward and Frank Weare Oxford,: Wiley-Blackwell, 2011 Pubbl/distr/stampa **ISBN** 1-283-40805-8 9786613408051 1-4443-9326-X 1-4443-9328-6 Edizione [3rd ed. /] Descrizione fisica 1 online resource (315 p.) Altri autori (Persone) WeareFrank OakhillAnthony Disciplina 624.1/821 Soggetti Steel, Structural Building, Iron and steel Building, Iron and steel - Details Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Cover; Title Page; Copyright; List of Figures; List of Tables; Preface; Chapter 1: Use of Structural Steel; 1.1 Why Steel?; 1.2 Structural Steels; 1.3 Structural Shapes; 1.4 Tolerances; 1.5 Connections; 1.6 Interface to Foundations; 1.7 Welding; 1.8 Bolting; 1.9 Dos and don'ts; 1.10 Protective Treatment; 1.11 Drawings; 1.12 Codes of Practice; Chapter 2: Detailing Practice: 2.1 General: 2.2 Layout of Drawings: 2.3 Lettering: 2.4 Dimensions; 2.5 Projection; 2.6 Scales; 2.7 Revisions; 2.8 Beam and

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Sommario/riassunto

This highly illustrated manual provides practical guidance on structural steelwork detailing. It: • describes the common structural shapes in use and how they are joined to form members and complete structures • explains detailing practice and conventions • provides detailing data for standard sections, bolts and welds • emphasises the importance of tolerances in order to achieve proper site fit-up • discusses the important link between good detailing and construction costs Examples of structures include single and multi-storey buildings, towers and bridge