

ISO 15531-31:2004-05 (E)

Industrial automation systems and integration - Industrial manufacturing management data - Part 31: Resource information model

Contents	Page
1. Scope	1
2. Normative references	2
3. Terms, definitions, and abbreviations	3
3.1. Terms defined in ISO 10303-1	3
3.2. Terms defined in ISO 10303-11	3
3.4. Terms defined in ISO 14258	4
3.5. Other definitions	4
3.6. Abbreviations	6
4. Overview of resource management universe of discourse	6
6. Fundamental principles	8
6.1. Modelling Concept and Constructs	9
6.2. Object and Resource Change State Sections	10
6.2.1 Input Section	10
6.2.2 Transformation Section	10
6.2.3 Output Section	10
6.2.4 Resource Information Model (RIM)	10
Figures Figure 1 - Model for representation of business processes and structures	9
Figure 2 - Structure of resource information model	11
Annex D (informative) Systems, resources, capability, capacity and time	18
Bibliography	27
Index	28
Figure D.1: Production or manufacturing system	22
Figure D.2 : IDEF0 actigram	23