

ISO 13374-2:2007-07 (E)

Condition monitoring and diagnostics of machines - Data processing, communication and presentation - Part 2: Data processing

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	CM&D information architecture requirements	1
3.1	Overview	1
3.2	Semantic definition requirements	2
3.3	Conceptual information model requirements	2
3.4	Implementation data model requirements	2
3.5	Reference data library requirements	3
3.6	Data document definition requirements	3
3.7	Compliant specifications	4
4	CM&D processing architecture requirements	4
4.1	Overview	4
4.2	Data Acquisition (DA) blocks	5
4.3	Data Manipulation (DM) blocks	7
4.4	State Detection (SD) blocks	8
4.5	Health Assessment (HA) blocks	9
4.6	Prognostic Assessment (PA) blocks	10
4.7	Advisory Generation (AG) blocks	11
4.8	Block configuration	12
4.9	External systems	12
4.10	Data archiving	13
4.11	Technical displays	13
4.12	Information presentation	13
4.13	Compliant specifications	13
	Annex A (informative) Compliant specifications	17
	Annex B (informative) References to UML, XML and Middleware	22
	Bibliography	32