



Machinery and Equipment Specification

Asia-Pacific Driveline

SD-2000

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1. Scope

The intent of this document is to identify the appropriate revision level for all referenced documents within the Nexteer Automotive Asia-Pacific Driveline (APD) Machinery and Equipment Specifications, and to document changes to these specifications between their revisions.

NOTE: Changes since the last revision are **highlighted**.

2. Reference

The following specifications shall apply to this equipment unless otherwise amended. The latest revision is published on the Data Exchange website at www.nexteerdataexchange.com under Vendor Documents.

SD-003	General Drawing and Manuals Specification; Nexteer Global Common
SD-004	Addendum to IEC 60204-1, Edition 6, 2016-10; Nexteer Global Common
SD-011	Specification for Safety Circuits; Nexteer Global Common
SD-012	Design-In Health & Safety Specification; Nexteer Global Common
SD-013	Addendum to ISO 4413, Third Edition, 2010-11-15 (Hydraulics); Nexteer Global Common
SD-014	Addendum to ISO 4414, Third Edition, 2010-11-15 (Pneumatics); Nexteer Global Common
SD-017	Design-In Ergonomics Guideline; Nexteer Global Common
SD-2007	APDL Approved Components List, Asia-Pacific Driveline
SD-2034	Machine Control Traceability Interface Specification; Asia-Pacific Driveline
SD-2040	ABB Robot Specification; Asia-Pacific Driveline
SD-2100	Process Label Print Systems, Asia-Pacific Driveline
SD-2101	Center of Failure Analysis System

3. Specification Hierarchy

- 3.1 There are three (3) levels of specifications in the Nexteer Automotive hierarchy of Manufacturing Equipment Purchase Specifications in the following order of precedence.
 - 3.1.1 The Technical Purchasing Specification (T-Spec) provides information specific to the equipment and process being purchased. Additionally, the T-Spec may also be used to clarify or provide guidance for deviations from individual Nexteer Automotive "SD" Specifications.
 - 3.1.2 The SD-1000 Series of Specifications covers the basic requirements for a specific type of equipment, where applicable (e.g. draw furnace). The SD-1000 Series specifications take precedence over SD-2000 in the event of a conflict between the two.
 - 3.1.3 The SD-2000 Series of Specifications covers the basic requirements for Custom Equipment.

3.2 Nomenclature in these specifications is as follows:

- Shall – indicates requirement
- Should – indicates recommendation
- May – indicates permission or allowance

4. Specification Changes

Note: Minor revision level changes may appear in this section prior to a formal release of a Nexteer Automotive APD Specification.

RECORD OF REVISIONS

Revision No	Date	Section	Description
001	03JN19	ALL	Initial release.
002	20AU19	2	Added Nexteer Specification SD-003 and APDL Specifications SD-2007 and SD-2100.
003	25FE20	2	Updated SD-003 and SD-2034, added APDL Specification SD-2040.
004	25JN20	2, 3	Removed revision dates from specifications, updated specification hierarchy.
005	10DE20	2	Added Nexteer Specifications SD-004, SD-013, and SD-014, and added APDL Specification SD-2101.