

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### LITD 34 : Smart Manufacturing

Scope: Standardization in the field of Smart Manufacturing including systems level standardization.  
 Liaison: **IEC TC-SyC SM (P): Smart Manufacturing IEC TC- SC-65C (O): Industrial networks IEC TC- SC-65E (P): Devices and integration in enterprise systems ISO/IEC/JTC1 TC- (O): 3D Printing and scanning IEC TC- (P): Smart Manufacturing IEC TC- SC-65 (O): Industrial networks IEC TC- SC-65 (P): Devices and integration in enterprise systems**

### Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 12556:1988	Specification for binary direct voltage signals for process measurement and control systems	October, 2024	-	Indigenous
2	IS 17724 (Part 2/Sec 202):2024 IEC 61010-2-202:2020 IEC 61010-2-202:2020	Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use Part 2 Particular Requirements Section 202 Electrically Operated Valve Actuators		-	Identical under dual numbering
3	IS/IEC 62264-2:2004 IEC 62264-2:2004	Enterprise - Control system integration: Part 2 object model attributes	October, 2024	-	Identical under single numbering
4	IS/IEC 62264-1:2003 IEC 62264-1:2003	Enterprise - Control system integration: Part 1 models and terminology	January, 2021	-	Identical under single numbering
5	IS/IEC 62443-1-1):2009 IEC/TS 62443-1-1 : 2009 IEC62443-1-1:2009	Industrial Communication Networks Part 1 Network and System Security Section 1 Terminology, concepts and models		-	Identical under single numbering
6	IS/IEC 62443-2-4):2017 IEC 62443-2-4 : 2017 IEC62443-2-4:2017	Security for Industrial Automation and Control Systems Part 2: Section 4: Security Program Requirements for IACS Service Providers		-	Identical under single numbering
7	IS/IEC 62443-3-3):2013 IEC 62443-3-3 : 2013 IEC62443-3-3:2013	Industrial Communication Networks Part 3 Network and System Security Section 3 System security requirements and security levels		-	Identical under single numbering
8	IS/IEC 62443-4-1):2018 IEC 62443-4-1 : 2018 IEC	Security for Industrial Automation and Control Systems Part 4 Section 1 Secure Product Development Lifecycle Requirements		-	Identical under single numbering

	62443-4-1:2018				
9	IS 7722:2024 IEC 60382: 1991 IEC 60382: 1991	Analogue Pneumatic Signals for Process Control Systems (First Revision)		-	Identical under dual numbering
10	IS 7728:1984	Specification for analogue dc current signals for process control systems (First Revision)	September, 2015	-	Indigenous
11	IS 8493:2024 IEC 60381-2:1978 IEC 60381-2:1978	Analogue DC voltage signals for Industrial Process Measurement and Control Systems (First Revision)		-	Identical under dual numbering

### Standards under Development

#### Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Drafts Standards in WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Finalized Draft Indian Standard

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
<i>No Records Found</i>		

**Total Published Standards:10 Total Standards Under development:0**

### Aspect Wise Report

Product : 0  
 Code of Practices : 3  
 Methods of Test : 0  
 Terminology : 2  
 Dimensions : 0  
 System Standard : 0  
 Safety Standard : 1  
 Others : 4  
 Service Specification : 0

Process Specification : 0  
Unclassified : 0

<b>Annexure-I :List of Indian Standards Withdrawn/Superseded</b>
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SI. No.	IS No. & Year	Title
<i>No Records Found</i>		

<b>Annexure-II :List of Indian Product Standards</b>
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SI. No.	IS No. & Year	Title
<i>No Records Found</i>		