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17th October 2024

Mr. Asit Kumar Maharana
Head ETD, Bureau of Indian Standards
Manak Bhawan, 9 Bahadur Shah Zafar Marg
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Sub- One year extension request for IS 17900-1 & 2 implementation.

Ref: a) Gazette Notification HQ-PUB013/1/2020-PUB-BIS (482) dated 23 December 2022
(Published on 06 January 2023)

b) Gazette Notification HQ-PUB-BIS (790 A)—dated 27 February, 2024

Dear sir,

We are happy to note that BIS has published the new elevator standards for our industry vide IS 17900 (Part 1) and IS 17900 (Part 2) in Y2022 and extended implementation timeline up to December 2024. As industry we are fully committed to extending our great support for successful implementation of new code to have benefit of safety enhancement for passenger and service technicians.

The new code requirements are all strongly interlinked and large-scale disruption at our industry in full chain aspect start from order booking, design, sourcing, manufacturing, installation / commission, certification/license, customer handover and maintenance.

New code requirements are significantly impacts on elevator components, building design structure and required system level testing / validation at factory/Lab/Customer sites. The new code interdependent requirements are changing the context in which we design, manufacture and validate the components, where we required various stockholders including builder / architect cooperation in order to ensure a smooth new code transition and safe implementation.

We have already taken supplementary steps to allocate our resources and investment to complete on design and implementation of new code requirements within two years. we have successfully achieved and completed many important milestones and activities of new code requirements as listed below.

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- Design Phase (Revisit existing component & update and new requirements developments)
 - Mechanical components
 - New requirements for refuge spaces on the car roof
 - Unintended Car Movement (UCM), with open doors
 - Stronger Door panel / car panel
 - New requirements for emergency and Car lighting
 - Stronger car top balustrade
 - Stronger CAR/Landing sill
 - PIT ladder – new strength requirements.
 - OSG and tension weight additional protection cover.
 - Electrical components and Software design/ update.
 - Electrical brake release device
 - Inspection control station in the pit
 - CAR light /Emergency light requirements
 - Manufacturing phase
 - To update Factory and supplier processes and documentation.
 - Tools and equipment's developments.
 - Training and competence developments on new code requirements.
 - Training and competence
 - New Product training to factory & Engineering team.
 - New Product training to Sales and marketing
 - Drawing and documents for Sales, installation and maintenance team.
 - Validation phase
 - Strength validation of mechanical components.
 - Car Light and Emergency light validation.
 - Pendulum tests for testing car door, landing door, landing/car door locking device and car wall.

However, we are requesting you to consider one more year to complete **below imminent activities** for the benefit of end-user /service technician safety and comfort.

Design phase.

- UCM and ACO protection
- PCB's redesign and software update.
- Pessral (Optional Requirements)

Validation phase

- Functional validation of new Electrical/Electronic components
- System level validation to meet new refugees Space, performance requirement as per new code needs.
- UCM and ACO protection
- Validation and testing of safety components as per IS 17900-2 requirements.
- Piloting of new product at various sites with different configuration.

Training and competence

- Update on Installation and Maintenance Manual.
- Training to State officials and Inspection authority

We would like to highlight that last year we have requested two-year extension for IS 17900-1&2 implementations, so we are requesting again for **one more year extension till December 2025** to complete important pending activities.

Here we have listed our industry progress on new code implementation progress status and one year extension request for your consideration, we trust that you will consider our proposal for one year extension, so that unified and successful compliance of the new code requirement can be achieved to provide safer elevator systems to our end-users / service technicians.

We would like to ensure that new elevator code will continue to be at the forefront of positive change in our elevator industry.

Thanking you,



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Copy to :

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