

23 August 2018

To: To Whom It May Concern

Our Ref L/0006/2018-08/AMD-AD

Dear Sirs/Madams,

Code of Practice 101 for Distribution Substation Design (COP101)
Update No. 1/2018 - Additional Requirement of Fall Protection System

This letter serves to announce the additional requirement of fall protection system that to be adopted in the distribution substation as below:

Document:	COP101 Version 14
Effective Date:	31 August 2018
Summary of Change:	<p>Additional Clause 5.1.25 is added under the General Requirements of Architectural/Civil Design as stated below.</p> <p>For substation areas exposing to potential risk of falling, include but not limit to cable riser room, side wall opening or floor opening in upper floor substation, and ceiling opening in basement substation, precautionary measures in accordance with the following hierarchy shall be adopted in design stage:-</p> <ul style="list-style-type: none"> - Areas with falling hazard shall be protected by engineering control measure, such as permanent working platform, reinforced concrete cover, stainless steel fencing with proper guardrails, side wall opening with metallic gate/door/fencing etc. - For access to areas as mentioned above where provision of engineering control measure could not be maintained in working stage, fall restraint system shall be provided. - Fall restraint system consists of anchor point(s) which is capable of supporting at least 600kg (6kN) per person per anchor point to control or restrict the travel distance of person wearing a full body harness attached to anchor point from reaching the nearest edge of falling hazard. Fall restraint systems are generally positioned more than 2m from the falling hazard/edge. Typically worker shall connect a lanyard with fixed length of 1.8 metres to the anchor point(s) of the system. - When provision of fall restraint system is not reasonably practicable, fall arrest system shall be provided as the last resort.

Yours sincerely,



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Asset Development Engineer