

EV Charging Stations - Reg. 22/04, 570/05 and OESC Requirements

Distribution Company Awareness

This bulletin provides direction with respect to EV Charging Stations and was created to compliment the Ontario Energy Board (OEB) Bulletin issued July 7, 2016 regarding Electrical Vehicle Charging.

ESA Direction

Electrical Distributors involved in the electrical work of EV Charging Stations are subject to the requirements of Ontario Regulation 570/05 (Licensing of Electrical Contractors and Master Electricians) and the Ontario Electrical Safety Code (OESC).

Regulation 22/04 - For the purposes of Regulation 22/04, an EV Charging Station is not part of a “distribution system”. This direction is in alignment with the OEB’s direction. Therefore, EV Charging Stations cannot be covered under Regulation 22/04, as this regulation applies to “distribution systems”.

In the event that the OEB has determined the status to be a distribution asset, at any point in time, then ESA will automatically harmonize with the OEB decision and will consider the equipment to “be part of the distribution system”

Ontario Electrical Safety Code - The installation of EV Charging Stations is subject to the requirements of the OESC, including the requirements for Approval of Electrical Equipment in accordance with Rules 2-024, 2-034 and filing a notification of work with ESA before starting the installation in accordance with Rule 2-004.

Regulation 570/05 - Unless exempted by the Regulation, every electrical contracting business engaged in or proposing to engage in the carrying out of electrical work governed by the OESC is required to hold a valid electrical contractor licence issued by ESA. In addition, this Regulation strictly prohibits a Designated Master Electrician/Master Electrician (DME/ME) from carrying out electrical work unless he or she holds a valid electrical trade certificate of qualification as required under the *Building Opportunities in the Skilled Trades Act, 2021*.