

CMMA Crane Classification – A brief overview.

As to the types of cranes covered under CMMA Specification No. T0 (Top Running Bridge and Gantry Type Multiple Drive Electric Overhead Traveling Cranes), there are six (6) different classifications of cranes, each dependent on duty cycle. Within the CMMA Specification is a numerical method for determining exact crane class based on the expected load spectrum. Aside from this method, the different crane classifications, as generally described by CMMA, are as follows:



This class "T0" generating station crane is rarely used.

Class A (Standby or Infrequent Service):

This service class covers cranes where precise handling of equipment at slow speeds with long idle periods between lifts are required. Capacity loads may be handled for initial installation of equipment and for infrequent maintenance.

Typical examples are cranes used in powerhouses, public utilities, turbine rooms, motor rooms, and transformer stations. This is the lightest crane as far as duty cycle is concerned.



This class "B" crane is used in a maintenance shop.

Class B (Light Service):

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**Association of Iron and Steel
Engineers**



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