

**Proposal for Consideration by TSMAD 21
Victoria (Canada)**

29th November – 3rd December 2010

**Deficiency Report – Require Addition of a New Attribute Value to CATCRN
– Tower Crane**

Submitted by: Canada
Executive Summary: This is a discussion paper proposing the addition of an attribute value to address a deficiency in existing attribute values list.
Related Documents: N/A
Related Projects: S-101

Introduction / Background

The current list of attribute values for CATCRN is as follows:

1. crane without specific construction
2. container crane/gantry
3. sheerlegs
4. traveling crane
5. A-frame

Canada has many occurrences of tower cranes such as seen in the following photo. With the current attribution there is no way to correctly depict this object.



[http://en.wikipedia.org/wiki/Crane_\(machine\)](http://en.wikipedia.org/wiki/Crane_(machine))

Recommendation

It is recommended that the attribute value “6 - tower crane” is added to the list of values for CATCRN in order to address this deficiency. Where tower crane is defined as “a fixed crane which can rotate on its axis and consists of a vertical tower with a horizontal jib (working arm). One end of the jib carries the load and the other end is fitted with a counterweight”.