

Arch Beams Pose A Real Danger To Workers

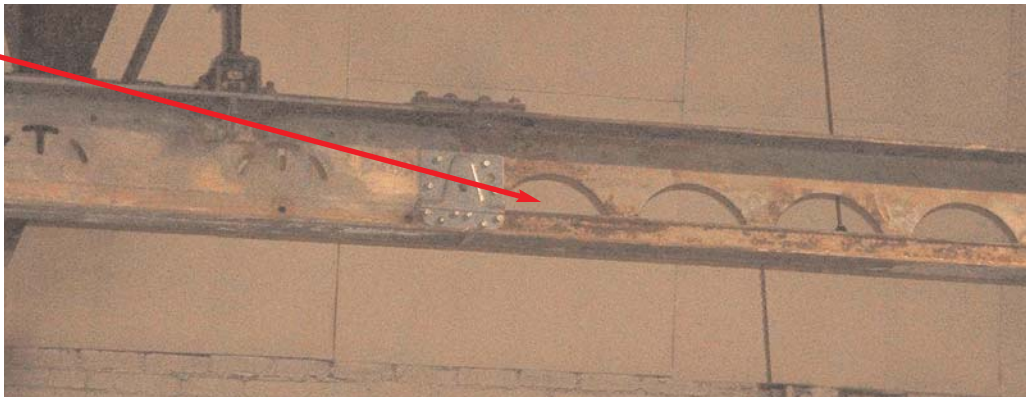
In 2008 we saw a resurgence in Arch Beam inquiries from customers. The inquiries ranged from expansion of old systems to accidents that required repair parts.

In 2004, Gorbel had issued a memorandum warning of the possible dangers of age and fatigue in the welds of Arch Beams in customer's facilities. To date, with the exception of a few customers, this warning has gone unheeded. Gorbel Inc. does not recommend any use of the arch beam in any type of application and will not ship any repair parts for these systems.

Does your crane look like this?



Or this?



Arch Beam was last produced in 1962, over forty-five years ago. The former owners of Cleveland Tramrail made this same recommendation in 1992 stating:

- * Loading Tables in old catalogs were calculated for new beam as built at that time.
- * As of this date (March 2, 1992) all Arch Beam should be replaced with Tarca® due to its age, and De-Rating of capacity is no longer advised.
- * Arch Beam should also be replaced with Tarca® versus ANY repair due to age and many years of fatigue.

The welds in Arch Beam can weaken over time and experience Martensitic Failure, resulting in the bottom rail peeling away from the web plate. This safety issue should be brought to the attention of management immediately.

If you have any questions, please contact Gorbel at 800-821-0086 or email info@gorbel.com.