

ARCH BEAMS

Pose A Real Danger To Workers

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.

Gorbel® issued a memorandum in 2004 warning customers about the dangers of age and fatigue in the welds of Arch Beam systems in their facilities. Despite this, we continue to receive a high number of Arch Beam inquiries that range from the expansion of old systems to accidents that required repair parts.

Due to the seriousness of the safety risks associated with Arch Beams, Gorbel does not recommend their use in any type of application and will not supply repair parts. **It is of utmost importance that this warning is addressed for the safety of your facility and personnel.**



Arch Beam was last produced in 1962. 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

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