

We are BIM Ready

BIM (Building Information Modeling) allows project stakeholders access to an interoperable process, which creates integrated and coordinated workflows that help deliver projects with richer datasets, fewer conflicts, errors, and in less time. GratingBIM is the grating solution for projects demanding BIM and real scale 3D modeling; leveraging GratingBIM empowers EPC firms and Structural Steel Fabricators during design and construction with data rich digital grating models to coordinate piping layouts, equipment openings and miscellaneous structural steel supports.

Modeling

Harsco IKG uses GratingBIM, a proprietary modeling application, to model grating in 3D. GratingBIM's tools assist in the detection of clashes and aid in identifying grating support issues during early stages of the design.

Model Exchange

GratingBIM's model files are compatible with various engineering and BIM applications used in the Industry today, e.g., Tekla, SDS/2, Revit, BIMsight, Navisworks, etc. Our model files can be imported into the most common engineering applications.

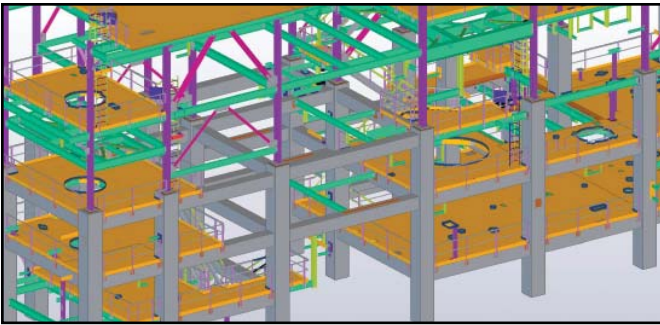
Advantages

- Engineer approval of grating in a 3D environment
- Reduce construction errors
- Utilize models in BIM integrated meetings
- 3D models compatible with hand-held devices
- Compatible with model-based only projects
- Our 3D Models show grating Toe Plate with projection to accurately check grating clashes

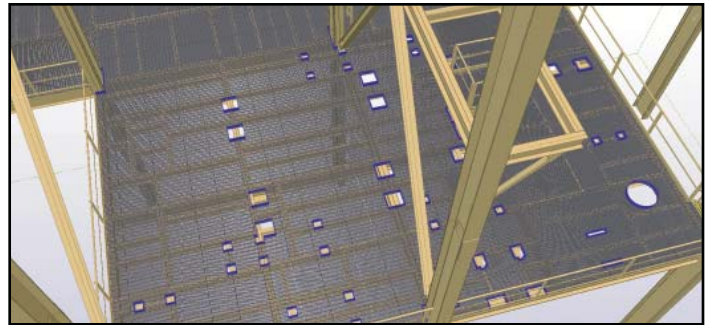


► Project Showcase

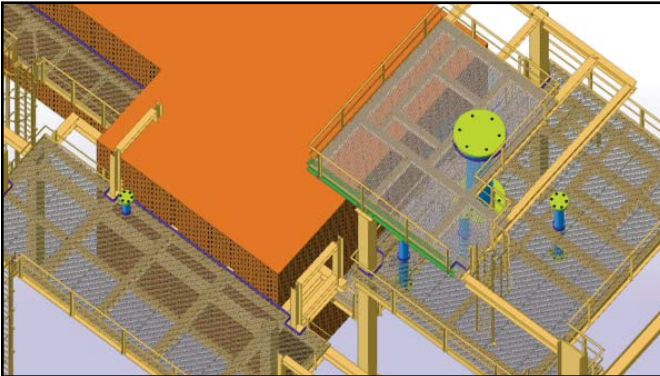
These images represent just a few of the modeling projects completed by Harsco IKG utilizing GratingBIM.



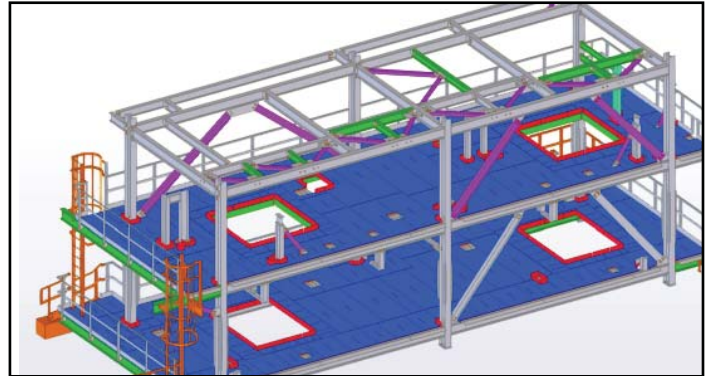
Chemical Plants



Oil & Gas - Technical Structures



Oil & Gas Plant / Technical Structures



Energy / Power Plant - Material Handling Systems

GratingBIM, a Harsco Industrial IKG Service



Harsco Industrial IKG has been one of the world's leading manufacturers of high-quality steel and aluminum bar grating for over a century, with manufacturing plants throughout the Americas.

Since our invention of metal grating in the 1900s for use in New York City's subway system, IKG has been designing and developing new and innovative uses for this versatile product. From power plants to petroleum refineries, shipyards to large scale factories, IKG services major businesses throughout the industrial sector.

Our ability to tailor products to customer specifications has created a broad market for our grating. But it's our dedication to meeting and exceeding expectations that has kept IKG a market leader for generations. With the addition of our GratingBIM™ modeling services, we continue the tradition of delivering innovative value to our customers.