

BLAST DESIGN

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BETTER QUALITY BLAST OUTCOMES AND REDUCED COSTS



$PF \text{ kg/m}^3 = M_c / V_1$
Powder factor: 0.15 kg/m³

Burden: 2.4 m

Achieve high quality blast outcomes with our advanced 3D blast design tool. Related mine information and blasting KPIs can be overlaid for rapid and enhanced insights, driving improvements in future blast designs and outcomes.



Reduce the overall cost of drill and blast operations



Improve productivity



Improve safety



Facilitate regulatory compliance

KEY FEATURES

- **Advanced 3D blast design capability**
3D advanced blast design and modelling including charge, tie-up and initiation timing designs.
- **View blasts in spatial context, relative to the environment and neighbouring blasts**
Data visualisation for rapid insights and improved decision making.
- **Complete records of blast design history**
Compare designs against previous blasts and other captured blast metrics.
- **Centralised storage and access of design related files**
Reduce administrative time through electronic sharing of information from a centralised online location.
- **EU General Data Protection Regulation compliant**
All data is securely stored on Microsoft's Azure platform, offering comprehensive regulatory compliance coverage including the requirements of EU General Data Protection Regulation.

“
GETTING THE HOLES IN THE RIGHT PLACE IS VERY CRITICAL IN A BLAST.”

Bernie McDonald
Blast Coordinator, Huntly Quarry Stevenson



To learn more about the BlastIQ™ Platform and how it can support your operations, please contact your local Orica representative, or visit [orica.com/BlastDesign](https://www.orica.com/BlastDesign)

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