

Materials List for:

Blast Quantification Using Hopkinson Pressure Bars

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Materials

Name	Company	Catalog Number	Comments
Load Cell	RDP	RSL0960	This is only indicative, the exact load cell should be able to resolve the required loading
Steel target plate / HPBs	Garratts		Fabricated to order
Strain gauge	Kyowa	KSP-2-120-E4	To use with steel HPBs
Cyanoacrylate	Kyowa	CC-33-A	Check with manufacturer depending on mar material to be used
Digital Oscilloscope	TiePie	HS4 16-bit Handyscopes	6 used in parallel in current testing
Leighton Buzzard sand	Garside sands	Garside 14/25	Uniform silica sand