

## Advancing Metals Technology

### Continuous casting R&D facilities for hire

#### Capabilities

- Test casting of new alloy compositions
- Experimenting with new tooling designs & continuous casting techniques
- Investigation of new process production sequences
- Sample manufacture to develop process route and confirm quality of end product
- Extensive analysis & testing facilities available



RS 080

#### Objectives

- To shorten manufacturing process route
- To reduce capital cost of equipment to produce end product
- To minimise operating cost per tonne
- To achieve higher quality product & tighter alloy tolerance control
- To reduce “critical mass” production volume requirements



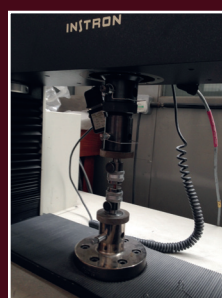
RM 050



Spectrometer



Tensile Tester



Tensile Tester



Spectrometer

## Facilities

- RS 080 single strand casting machine
- RM 050 horizontal casting machine
- “Spectro” spectrometer
- Tensile/elongation testing facilities:  
8-30mm dia.
- Conductivity/resistance testing facilities
- SEM
- EDX
- Optical microscope

