

Independent Laboratory
Testing
PART 6 Regulations

Mechanical & Engineering
Safety Division
Robert Setren
Mechanical Engineer

M+ESD

- 16 Engineers and Scientists, - 2 engineering technicians
- Responsible for mechanical aspects of mining equipment as it relates to the safety and health of miners
- Approval programs include dust collectors evaluated under part 33 and diesel machines evaluated under part 36

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- Our laboratory and field test functions include:
 - Dust collector field test followed by laboratory analysis of dust samples
 - Laboratory and field tests of diesel machines and components
 - Engines – emissions – under part 7
 - Power Package – surface temperature, explosion, and safety control tests under Parts 7 and 36
 - Diesel powered machine field tests under part 36

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- Test procedures are documented in 30CFR and standard operating procedures

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- An independent lab considering conducting testing for the MSHA approval of a mining product must produce a product equal or better than our present capability to maintain the integrity of the MSHA approval
 - Test equipment must be equal or better than MSHA including up to date calibration– equipment specifications found in 30CFR, MSHA website, or call us

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- Data collecting, record keeping, report writing required
- Quality Assurance

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- Any ?
- Call the M+ESD and speak to us anytime
- 304 547 2042, John Faini