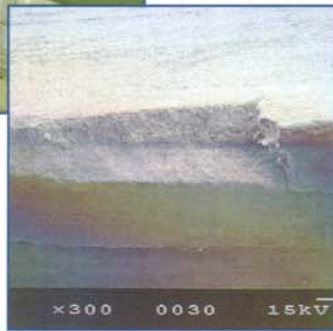


MATERIAL TESTING-STRESS ANALYSIS

MATERIAL COMPOSITION

- Energy Dispersive X-Ray Spectroscopy (EDS Analysis)
- Chemical Analysis of Metals



STRENGTH TESTS

- Structurals - Load Testing
- Fatigue Testing of Assemblies
- Load Cell Applications
- Deflection Monitoring

METALLOGRAPHY - FRACTOGRAPHY

- Scanning Electron Microscopy
- Metallographic Analysis
- Photomacrography

VIBRATION - ACCELERATION



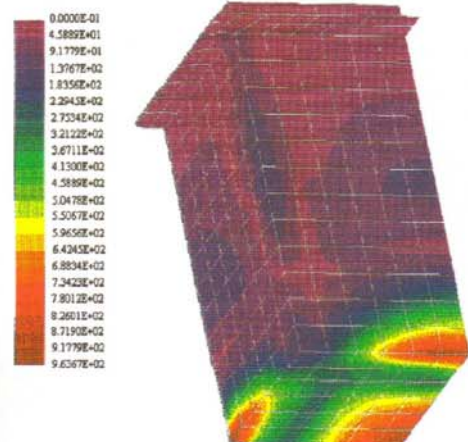
MECHANICAL TESTING

- Tensile - Compression
- Elongation - Modulus
- Impact Energy - Charpy Notch
- Rockwell and Microhardness
- Portable Hardness
- Surface Finish

STRESS ANALYSIS

- Multi-Channel Strain Gauge Testing Static and Dynamic
- Finite Element Analysis
- Photoelastic Stress Analysis
- Fracture Mechanics
- Matrix Analysis of Frame Structures

OVERALL STRESS DISTRIBUTION
OF 1/4 MODEL



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