

Honeywell Engines (CAGE Code: 99193)
 111 S. 34th St. P.O. Box 52181
 Phoenix, AZ 85072-2181

March 28, 2003

Dr. I. C.Elliott, Quality Assurance Manager
 IncoTest
 Holmer Road,
 Hereford, HR4 9SL England

Supplier Code: 28136

**Subject: Approval of Controlled Processes by Honeywell Engines
 (Applicable to CAGE Codes: 99193, 91547, 9AA11, 62623 and 64643)**

The Honeywell (formerly AlliedSignal) Engines Supplier Survey Committee has reviewed and approved your facility for the following special process specifications as specified below. This approval is contingent upon your company's ability to comply with these requirements as dictated by the contract/specification. If you have any further questions regarding the approvals noted below, you may contact Dora Elena at 602.231.3291.

Process Approved	Use	Type	Title	Comments
EMS52353	S	II/CA	Approval Of Testing Laboratories For Metallic Materials	Codes: D, F2, F3, G1, G2, G3, G4, G5, S, W2
EMS52353	S	II/MT	Approval Of Testing Laboratories For Metallic Materials	Codes: A, B, XA, N, P, Y, XN, C, O
EMS52353	S	II/ME	Approval Of Testing Laboratories For Metallic Materials	Codes: L, L1, L2, L5, L7, L8, L9, XL
EMS52353	S	II/MH	Approval Of Testing Laboratories For Metallic Materials	Codes: M1, M2, M3
EMS52353	S	II/OT	Approval Of Testing Laboratories For Metallic Materials	Codes: Q
EMS52353	S	II/SP	Approval Of Testing Laboratories For Metallic Materials	Codes: Z, Z2, Z3:
EMS52353	S	II/HT	Approval Of Testing Laboratories For Metallic Materials	Codes: XG

EMS52353 Category Reference:

Chemical Analysis – (CA) - D-Wet Chemistry, F2-Inductively Coupled Plasma, F3-Spark/Arc (OES), G1-Carbon Analysis, G2-Hydrogen Analysis, G3-Nitrogen Analysis, G4-Oxygen Analysis, G5-Sulfur Analysis, S-X-Ray Fluorescence, W2-Graphite Furnace

Mechanical Testing (MT) - A-Room Temperature Tensile, B-Elevated Temperature Tensile, XA-Creep, N-Impact, P-Fracture Toughness, Y-Low Cycle Fatigue, XN-Bend Testing, C-Stress Rupture, O-High Cycle Fatigue

Metallography (ME) - L-Metallography (General), L1-Microhardness (Interior), L2-Alloy Depletion, L5-Microhardness, L7-IGA / IGO, L8-Alpha Case: Wrought, L9-Alpha Case: Castings, XL-Metallography (Macro)

Macrohardness (MH) - M1-Hardness (Brinell), M2-Hardness (Rockwell), M3-Hardness (Vickers)

Corrosion and Oxidation – (OT) - Q-Corrosion (General)

Mech. Test Specimen Prep. (SP) - Z-Standard Specimen Machining, Z2-Low Stress Grind and Polish, Z3-Cast Specimens

Heat Treat of Specimens. (HT) - XG-Heat Treat of Specimens

SURVEY COMMITTEE MEMBERS

Supplier Quality Assurance	Materials & Process Engineering	Materials Procurement
Rex Lunsford	Dora Elena	Craig Bridges