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Engineering and Quality of Materials and
Processes Division
Material Quality and Processes Department
Gennevilliers Plant

YQG (BASILE 1799)

Contact : Sylvie CHATARD
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COLOMBES, 18th November 2009

DICKSON Testing Company Inc
11126 Palmer Avenue

SOUTH GATE - CA- 90280

USA
Attention to Imtiyaz AHMED

SUBJECT : Laboratory qualification FAL 001

Dear Sir,

After our review of your quality organization, technical capabilities and the survey of your laboratory of South Gate conducted by Sylvie CHATARD the 3rd to 6th of November 2009, we are pleased to inform you that you have been qualified as testing laboratory according to SNECMA procedure PRO-0430 for the tests defined on the FAL N° 001 enclosed.

We remind you that the extension for machining of fatigue specimens will be based on the results of the cross test program already sent to you.

Please, note that the minutes of the audit will be send to you in a few weeks.

We have noted that your company is currently Nadcap accredited for MTL (Certificate n°128426).

We have noted that you have participated to the SN-GE-Airbus PTP managed by Exova in 2009. As requested in the PTP, you have to send the root cause analysis and explanations for your outlier results.

Continuance of qualification depends on conditions outlined in PRO-0430. At any time, the qualification can be retracted or suspended by SNECMA.

This qualification does not guarantee the acceptance of all articles produced for SNECMA Company.

Yours faithfully.

Head of Material Quality and Processes Department



Karine DESCHANDOL / Po Nadine SPATH

Fiche de Qualification Laboratoire Laboratory Qualification Certificate

Date : 18/11/2009

Snecma

Etablissement de Courcouronnes
10, Allée du Brévent CE 1420 - COURCOURONNES - 91019 EVRY CEDEX

prononce la Qualification du laboratoire / pronounces the laboratory Qualification

DICKSON Testing Company Inc
11126 Palmer Avenue
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pour les essais suivants / for the following tests :

Code	Type d'essai/Tests	Domaine d'application/ Application field
A	Essai de traction à température ambiante/Tensile test at ambient temperature	Spark
B	Essai de traction à chaud/Tensile test at high temperature	
C	Essai de fluage rupture/Stress rupture test	
F1	Analyse par Fluorescence X / X-ray fluorescence analysis	
F2	Analyse par ICP / ICP analysis	
F3	Analyse par émission optique / Optical emission	
F5	Analyse par absorption atomique four (oligo éléments) /Furnace graphite atomic absorption (trace elements)	
G	Dosage du carbone/carbone content	
H	Dosage du soufre/Sulfur content	
I	Dosage de l'hydrogène/Hydrogen Analysis	
J	Dosage de l'azote/Nitrogen content	Structure on Ni, Ti, Steel, Al alloys DMC 250 Ni, Ti, steels alloys
K	Dosage de l'oxygène/Oxygen content	
L1	Micrographie/Optical Microrgraphy	
L1a	Détermination de la taille de grains / Grain size determination	
M1	Essai de dureté HB / Hardness test HB	
M3	Essai de dureté HR / Hardness test HR	
N	Essais de résilience/Impact test	
P	Détermination du KIC/Determination of KIC	
XA	Essai de fluage allongement/Elongation creep tests	
XL2	Examen macrographique/Macrographic inspection	
XG	Traitement thermique des éprouvettes/Heat treatment of test pieces	
Z2	Usinage des éprouvettes : Sauf usinage fatigue/ Sample machining except fatigue	
		On Ni, Ti, steels alloys

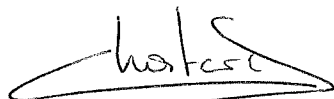
Qualification prononcée sur la base
Qualification based on

Certificat PRI Nadcap (MTL) N°128426, PTP 2009 et le Questionnaire Qualité, De l'audit Qualité du 3 au 6 Novembre 2009, Extension codes Z2 et H.
Certificate PRI NADCAP(MTL) N° 128426, PTP 2009 and Quality Questionnaire Audit performed from the 3rd to 6th of November 2009. Extension codes Z2 and H.

Date de fin de validité de la qualification / End of the qualification validity

31 Décembre 2012/December 31st 2012

Auditeur



Sylvie CHATARD

Le chef de de département Qualité Matériaux
et Procédés de l'Usine de Gennevilliers



Karine DESCHANDOL / Po Nadine SPATH