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TEST REPORT No. 2004/OL 270
November 23rd, 2004

**Non return valve manufactured by Hale Hamilton
Type NRS38.Mk5/OXB (Drawing No. ND60563)
Ignition tests with oxygen
according to EN ISO 7291 Standard**

Test Order No. O1035

Applicant: Hale Hamilton

Head of Center
Fabien WILLOT

Technical Manager: Jean-Paul Schaaff

A handwritten signature in black ink, appearing to read 'J. Willot'.

Assistant (s): Olivier Longuet

Distribution: Hale Hamilton Mr Freeman

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SUMMARY

At the Hale Hamilton request, we have carried out ignition tests (adiabatic compression) of the standard EN ISO 7291 (Gas welding equipment - pressure regulators for manifold systems used in welding, cutting and allied processes up to 300 bar), on oxygen non return valve, type NRS38.Mk5/OXB, drawing No. ND60563, manufactured by Hale Hamilton.

This non return valve withstands to ignition test of the standard EN ISO 7291 (§ 9.5.3) of October 2001, for a working pressure of 333 bar.

NOTA BENE : This report concerns only the samples that have been submitted to tests.