

VarcoB.

A Varco Company

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CERTIFICATE OF MANUFACTURE & INSPECTION/ EC DECLARATION OF CONFORMITY

This is to certify that the part(s) and/or assembly listed below was (were) designed, manufactured and inspected in accordance with the latest revision of the following specifications:

- > API Specification 8C/ISO 13535
- > European Directive 98/37/EG: Safety of Machinery Harmonized standards applied are:
 - * EN-ISO-12100-1 Safety of Machinery; Basic concepts, general principles for design; Part 1:Basic terminology, methodology
 - * EN-1050 Safety of Machinery; Principles for risk assessment
- > VarcoBJ specifications
- > Customer specifications (if applicable)

Date

· 06 October 2004

Serial number

: NL51684

Part number & Description : BJ55310Y

1120,004

Type HYC Elevator complete less Slips and Guide Plates

Capacity: 200 Tons

The assembly was proof load tested, prior to receiving its final MPI and functional testing. A test load equal to 1.5 times the rated load capacity, simulating the same manner as in actual service, was applied and held for a minimum period of 5 minutes.

Rated Load Capacity:	Proofload:
200.00 Short ton	300.00 Short ton

Each critical load bearing component of the assembly was Magnetic Particle examined by wet fluorescent method in accordance with ASTM E709.

ASTM E125 (Reference Photographs) and, where applicable, VarcoBJ critical area drawings were used as a reference standard for the evaluation of magnetic particle indications.

All personnel performing Magnetic Particle Inspection were qualified to ASNT TC-1A Level II (minimum).

Statement: No relevant indications outwith the applicable acceptance criteria were detected.

All other inspections and/or tests were performed by qualified VarcoBJ personnel and all results were found to be within the acceptance criteria.

Yvonne van Hees Document Control Supervisor



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Jarcos

Nijverheidsweg 45, 4879 AP Etten-Leur P.O. Box 17, 4870 AA Etten-Leur. The Netherlands Telephone: +31 76 5083000 Telefax: +31 76 5046000 Trade registernumber, 20055512 VAT: NL 00.90.62.646,B.01 Banks: ABN AMRO Etten-Leur, Acc.no. 52.51.89.454 F, van Lanschot N.V. Breda, Acc.no. 22.56.04.264

CERTIFICATE OF MANUFACTURE & INSPECTION

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- > API Specification 8C/ISO 13535
- > VarcoBJ specifications
- > Customer specifications (if applicable)

The part(s) and/or assembly listed is (are) intended to be incorporated into machinery or to be assembled with other machinery to constitute machinery covered by Directive 98/37/EG (Safety of Machinery). It is not allowed to put the machinery into service until the machinery into which it is to be incorporated or of which it is to be a component has been found and declared to be in conformity with the provisions of Directive 98/37/EG.

Date

: 22 March 2005

Serial number

: NL53821

Part number & Description: 55513Y

5.1/2" Slip Assy

for HYC Elevator

Each critical load bearing component of the assembly was Magnetic Particle examined by wet fluorescent method in accordance with ASTM E709.

ASTM E125 (Reference Photographs) and, where applicable, VarcoBJ critical area drawings were used as a reference standard for the evaluation of magnetic particle indications.

All personnel performing Magnetic Particle Inspection were qualified to ASNT TC-1A Level II (minimum).

Statement: No relevant indications outwith the applicable acceptance criteria were detected.

All other inspections and/or tests were performed by qualified VarcoBJ personnel and all results were found to be within the acceptance criteria.

> Yvonne van Hees **Document Control Supervisor**





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Date

: 31 May 2005

Serial number

: NL56783

Part number & Description: 55515Y

7" Slip Assy

for HYC Elevator

Each critical load bearing component of the assembly was Magnetic Particle examined by wet fluorescent method in accordance with ASTM E709.

ASTM E125 (Reference Photographs) and, where applicable, VarcoBJ critical area drawings were used as a reference standard for the evaluation of magnetic particle indications.

All personnel performing Magnetic Particle Inspection were qualified to ASNT TC-1A Level II (minimum).

Statement: No relevant indications outwith the applicable acceptance criteria were detected.

All other inspections and/or tests were performed by qualified VarcoBJ personnel and all results were found to be within the acceptance criteria.

> Yvonne van Hees Document Control Supervisor



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Date

· 20 October 2004

Serial number

: NL52236

Part number & Description: 55511Y

4.1/2" Slip Assy for HYC Elevator

Each critical load bearing component of the assembly was Magnetic Particle examined by wet fluorescent method in accordance with ASTM E709.

ASTM E125 (Reference Photographs) and, where applicable, VarcoBJ critical area drawings were used as a reference standard for the evaluation of magnetic particle indications.

All personnel performing Magnetic Particle Inspection were qualified to ASNT TC-1A Level II (minimum).

Statement: No relevant indications outwith the applicable acceptance criteria were detected.

All other inspections and/or tests were performed by qualified VarcoBJ personnel and all results were found to be within the acceptance criteria.

> Yvonne van Hees Document Control Supervisor

