



KALIBRERINGSCERTIFIKAT FÖR BANDVAGN

08399

Bandvagn nr: 08399

Datum för kalibrering: 2019-01-16

Kalibrerad av: Ove Karlsson

Sign. _____

Vridmoment kraft

Kraftgivare 0-1 kN

Kraftkonstant: 1,04

Kraftgivare 0-50 kN

Kraftkonstant: 1,04

Maxkraft: 37,44

Djupmätare

1 meter= 1 m

H/V-givare

Ventilsida: 20 H/V = 20 H/V

Kogersida: 20 H/V = 20 H/V

Kompenserat vridmoment

DECLARATION OF CONFORMITY & CALIBRATION SHEET

Type:	GT-40	Name:	Multipurpose Gamma Analyzer
Model:	GT-40	Calibration Date:	Nov 16, 2018
Serial number:	0056	Calibration Cycle:	2 Years
Year of manufacturing:	2017	Due Date:	Nov 15, 2020

Received condition:	Within tolerance <input checked="" type="checkbox"/>	Not within tolerance <input type="checkbox"/>	New product <input type="checkbox"/>
Action taken:	None taken <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/>	Repaired <input type="checkbox"/>
Completed condition:	Full calibration <input checked="" type="checkbox"/>	Limited use <input type="checkbox"/>	Custom <input type="checkbox"/>
Environmental conditions:	Local background: 120 nSv/h Temperature: 22 °C Humidity: N/A		
Remarks:			

Standards to which Conformity is declared:

CE Conformity	EU Directive 204/108/EC-EMC, IEC 1017-1, IEC 1017-2, IEC1000-4-2, IEC 60846:2002, EN 50082-2, EN 55011, EN 55022, EN 61000-3-2(-3), EN 61000-4-2(-11)
Other Directives and Standards	Applicable in the Czech Republic, Act No. 22/1997, Act No. 505/1990, Gov. Order 169/1997, Decree of the Czech Labour Safety Board No. 48/1982, Decree of Nuclear Safety Board No. 184/1997

We, the undersigned, hereby declare that the equipment specified above conforms to the above Directives and Standards, and was calibrated conform to the "GT-40 Sub-assemblies and System test procedure" PP_VY_10, Rev.3, using calibration PADs certified by Geological Survey of Sweden.

System Final Test					
Sensitivity Test Jig:	Th-232	N/A	Cs-137	N/A	BG 287 cps
Search Mode Test:	Audio: OK	Display: OK	Backlit: OK	USB: OK	GPS: OK

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Dose Calibration: Not calibrated! The unit is not a Dose meter!

Note: Displayed Dose rate, or Ambient dose equivalent rate H^* (10), is computed from measured spectrum to size up the Total Gamma-ray Activity of measured rock. Numbers are valid for not shielded detector only.

Assay Calibration:

Calibration was performed using reference PADs of Geological Survey of Sweden located at Borlange.

Methods:

1. **K_U_Th_SWE** – Infinite flat rock outcrop, minimum rock layer 30 cm, standard measuring time 300 s
2. **Hole_K_U_Th_SWE**– Shallow Borehole, standard measuring time 300 s (just a geometric coefficient)

Assay Test: K_U_Th_SWE Method, 300 s

Pad	K (%)		U (ppm)		Th (ppm)		Cs-137 (kBq/m ²)	
	nom	meas	nom	meas	nom	meas	nom	meas
	7,5	7,4	24.8	25,1	49.1	48,8	N/A	N/A

Brno, Nov 20th, 2018



Quality Assurance: Ivan Kaspárec

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