



Parsian Radiation Dosimetry Services Co.

**Radiation Dosimetry Report of VG Multiphase Flow Meter
Paya Petro Technology (PETROYATECH)**





Radiation Survey Certificate

1. Company Information	
Company	Paya Petro Technology
Address	No.110, 13 th Dead-end, Fath Highway, Tehran, Iran
Telephone	021-66394902
Badge ID	-

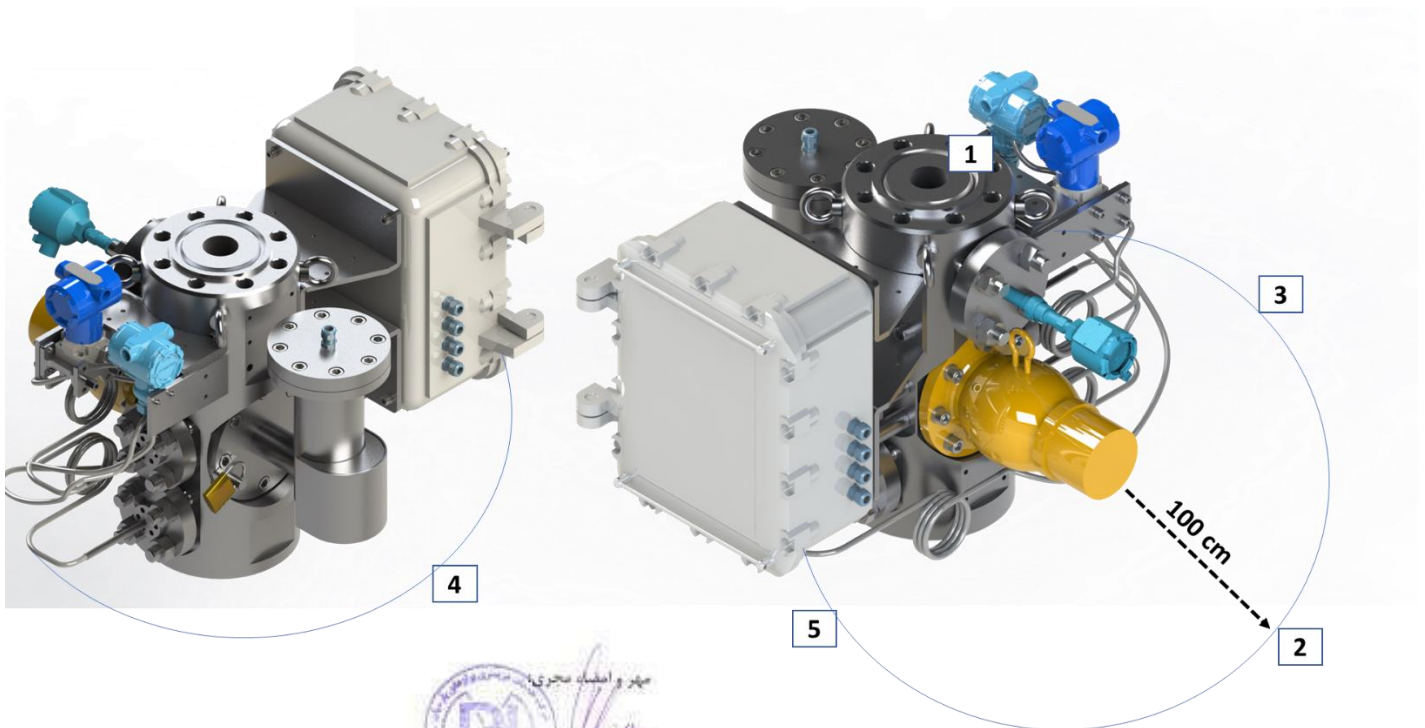
2. Radioactive Source Specifications	
Device Name	Multiphase Flow Meter (MPFM)
Model	VG MPFM
Source	Cs-137
Application	Flow Meter
Initial Activity	6.2 mCi
Current Activity (at survey date)	6.03 mCi
Energy	662 keV
Half Life	30 years
Survey Date	27/08/2022





3. Dosimeter Specifications	
Device Name	Graetz
Model	X5C
S/N	503262
Energy Range	45 keV-1.3 MeV
Dose Rate Measuring Range	0 μ Sv/h to 20 mSv/h
Dose Measuring Range	0 μ Sv to 20 mSv
Calibration Date	23/11/2021
Calibration Due Date	23/11/2022

4. Survey Positions



مهر و امضاء مجری





5. Survey Results

Measurement Status: The device is working with source shutter status of ON.

Measurement Points	Measurement Point Label	Distance from Source	Back Ground (BG) Radiation (nSv/h)	Maximum Dose Rate (nSv/h)
Top of source	1	100 cm	197	BG
Behind the source	2	100 cm		37
Right side of the source	3	100 cm		BG
Left side of the source	4	100 cm		BG
In front of the source	5	100 cm		100

