

## Annex No.1

### Technical Specification rev 1

RWE Gas Storage s.r.o. require

- All product must be assembled,
- Pressure tested,
- Mechanically tested,
- Painted according spec. below,
- Each assembly must be packed separately in wooden box with documentation (paper copy),
- GATE VALVE labeled with API monogram (API Certificate),
- Actuator labeled with API monogram (API Certificate),
- Gate valves must be protected for corrosion by relevant packing cover,
- Reserve to right to be present during technical inspection to see all documents related to ordered products,

GATE VALVE + Actuator Assembly 2.000 psi

- Gate valve 3 1/8", Reverse Acting
- working pressure 2.000 psi,
- standard API Spec. 6A, 19<sup>th</sup> edition
- Temperature class P+U,
- Material Class AA (or higher),
- Specification level PSL-1 (or higher),
- Performance level PR-1 (or higher),
- Flange ends (close ends by plastic caps), R-31
- Fail safe close actuator hydraulically operated,
- Rising stem for position indicator,
- Including Positive Lock Open Cap
- Provide with protection for over pressurizing by means of Plug with Rupture disc

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#### Documentation

- Declaration of Conformity
- Material certificate,
- Technical specification,
- Traceability report,
- Pressure tests report,
- 3<sup>rd</sup> party ATEX certificate for hole assembly (GATE VALVE + ACTUATOR)
- Drawings for
  - Gate valve,
  - Actuator,
  - Assembly,
- Stocking condition,
- Installation procedure,
- Operation and maintenance manual
- List of spare parts (break down to each single item)

#### Painting specification:

- sandblas to SA 2,5
- Primer Amercoat 68 (Zink-Epoxy),
- Intermediate coat Amercoat 385 (Polyamid-Epoxy)
- Top coat Amercoat 450S (polyurethane RAL 9007) TFT min 240 µm