We produce fluid power solutions

**Ex-proof**

**APPLICATIONS**

The explosion-proof valves by ARGO-HYTOS help to create a safe environment in potentially explosive atmospheres

**Zone / Division classification**

Zone → EU → ATEX & IECEx directives
Division or Zone → US → NEC 500 & NEC 505 directives

Simplified:

NEC 505 = IEC
NEC 500 ≠ IEC

There are both possibilities in US either NEC 500 or NEC 505

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<th>Present Continuously</th>
<th>Present Intermittently</th>
<th>Present Abnormally</th>
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Zone 0, Division 1
Zone 1, Division 1
Zone 2, Division 2

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Subject to change · 09.19
### EXPLOSION-PROOF Valves

The explosion-proof valves by ARGO-HYTOS help to create a safe environment in potentially explosive atmospheres.

#### ATEX Certificates Review:

- **Group II** - covers all gas groups
- **Group IIC** - covers all gas groups

#### Technical Features:

- Directional spool, poppet and proportional valves
- Wide range of manual overrides including hand lever options
- Exceptionally high hydraulic power
- All valves and sealings are designed for 10 m. operating cycles
- Ultra-tight poppet valves for pressure ratings of up to 420 bar
- Pressure ranges: 350 bar for spools and 420 bar for poppet versions, flow range from 25 l/min to 600 l/min
- Surface protection 520 h acc.to ISO 9224
- SIC Spool valves with tumbling nose feature to compensate misalignments of the cavity; the spool never blocks
- IP 66/68 for all Ex-proof product!!

#### Data Sheet

- **Symbol**
- **Type Code**
- **Size**
- **Flow/Pressure**
  - lpm (GPM) / bar (PSI)

### Key Shot

- **RPEX3-06*S6**
- **SD2EX-B2**
- **RNEXH5-16**
- **RPEX3-06**
- **RNEXH4-25**
- **PRM02-06**
- **PRM03-103**

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