

TG 19G Gas Lift

TG Chair: Michael Romer – ExxonMobil

June 2024 Status Update at ALRDC GLWS, Stavanger



Task Group 19G

- Group: **Gas Lift (19G)**
- TG Members: **82**
- Number of Active Standards, RPs and TRs
 - Gas Lift: **5 (19G1, 19G2, 19G3, 19G4, 19GLHB)**
- Work Group documents in the generation/update/release process:
 - Gas Lift: **3 (19G1, 19G2, 19GLHB)**

SPEC 19G1, 2nd Edition (Feb 2019)

Side Pocket Mandrels (3rd Edition in progress)

- Chair: Wayne Mabry – Independent
- Status: Updates approximately **34% complete**
- Focus of change: **3rd Edition:** Clarification and updates of requirements, family product extensions, and welding and nondestructive evaluation instructions and references
- Discussion: Work in progress. Discussed potential addition of “conventional” gas lift mandrels from 19G15 (Conventional Equip.) draft document. Determined conventional mandrels are **not** a proper fit in 19G1 due to the incompatibility of their general fabrication techniques with the material and welding sections of 19G1. Disposition of drafted 19G15 conventional mandrels material TBD

SPEC 19G2, 2nd Edition (Sep 2020) Flow-Control Devices for SPMs (3rd Edition in progress)

- Chair: Donovan Brown – Weatherford
- Status: Updates approximately **75% complete** (initial Ad2 scope)
- Focus of change: **3rd Edition**: Address ambiguity / conflicts between requirements in base document and normative annexes. Probe (Annex F) and Flow Testing (Annex G) are two areas identified for improvement. Incorporate 19G15 “Conventional” Flow-Control Devices (FCDs)
- Discussion: SRRR approved for 3rd Edition. WG has decided upon the path forward for 19G15 FCDs inclusion and a content editor has been contracted to complete the work. Updates are identifying areas where improvement and clarification will be beneficial. Also including new testing methodologies vetted since the original document release

SPEC 19G3, 1st Edition (Jun 2011)

Running/Pulling Tools and KOTs and Latches for SPMs

- Chair: None
- Status: Reaffirmed in 2022
- Discussion: No updates required until 2027

RP 19G4, 1st Edition (Jun 2011)

Side-Pocket Mandrels and Related Equip. Practices

- Chair: **None**
- Status: **Reaffirmed in 2022**
- Discussion: **No updates required until 2027**

RP 19GLHB, 1st Edition (Jun 2020)

Gas Lift Handbook (Addendum 2 in progress)

- Chair: John Martinez – Independent
- Status: Ready for balloting
- Focus of change: **Addendum 2:** Conversion of the draft TR 19G14 Gas Lift for Gas Well Deliquification into new chapter for 19GLHB
- Discussion: New GLHB chapter drafted. Balloting to begin soon

Ad hoc WG recommended another new GLHB chapter for single-point gas lift considerations, including a portion of the draft **TR 19G13 Critical Well Applications for HP/HT/Deepwater**. The addition would be included in the 1st Edition 19GLHB as Addendum 3. SRRR submitted to SC19

Balloting

- Ballot Schedule:

Document	Open Ballot Date	Closed Ballot Date	Voting Results	Comments
SPEC 19G1_e3			TBD	Balloting expected in 2Q 2025
SPEC 19G2_e3			TBD	Scope reevaluation in progress
RP 19GLHB_e1_a2	Jun 2024	Aug 2024	TBD	
RP 19GLHB_e1_a3			TBD	SRRR for Addendum 3 submitted and pending

Other Items, Tabled

- **Surface-Controlled GL (19G16):** Investigated whether a new SPEC or RP should be created for this topic, potentially leveraging 19ICV – Inflow Control Valves and/or 19E – Electrical and Electronic Components for use in Downhole Completion Equip. TG determined it's too early for such a document – the marketplace is proving there are many ways to create an electric or hydraulic surface-controlled GL system, not enough consistency to standardize
- **HPHT GL (19G13):** Petrobras and Shell shared internal HPHT specification documents. Ad hoc WG reviewed and determined they were not publishable through API mechanisms. Some material may be referenced in new Single-Point GL chapter of GLHB (Addendum 3)

Questions?

