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| <b>Standards Development Department</b><br>American Petroleum Institute |  |                            |
| FM-3001   | <b>Standards Resource &amp; Research Request (SR3)</b>         | Revision: 4                |
|   | Committee on Standardization of Oilfield Equipment & Materials | Effective Date: 11/18/2021 |

## Document Information

|  |   |                            |  |      |   |      |                          |      |   |                         |                         |                             |  |      |   |  |  |
|--|---|----------------------------|--|------|---|------|--------------------------|------|---|-------------------------|-------------------------|-----------------------------|--|------|---|--|--|
| Standard Designation:  | 19G2  |                            |  |      |   |      |                          |      |   |                         |                         |                             |  |      |   |  |  |
| Title:   | Flow-control Devices for Side-pocket Mandrels |                            |  |      |   |      |                          |      |   |                         |                         |                             |  |      |   |  |  |
| Edition:   | 2nd   |                            |  |      |   |      |                          |      |   |                         |                         |                             |  |      |   |  |  |
| Budget Year:   | 2022  |                            |  |      |   |      |                          |      |   |                         |                         |                             |  |      |   |  |  |
| Committee/Subcommittee:<br>(check all that apply if a joint project) |   | SC2                        |  | SC5  |   | SC6  |                          | SC8  |   | SC10                    |                         | SC11                        |  | SC13 |   | CSOEM                                      |  |
|  |   | SC15                       |  | SC16 |   | SC17 |                          | SC18 | x | SC19                    |                         | SC20                        |  | SC21 |   | DPOS                                       |  |
| Priority Matrix Ranking:<br>(to be completed by API Staff)           |   | Priority 1<br>(Rank 10-15) |  |      |   | x    | Priority 2<br>(Rank 7-9) |      |   |                         | Priority 3<br>(Rank ≤6) |                             |  |      |   |  |  |
| UN Sustainable Development Goal<br>(to be completed by API Staff)    |   | #7 Access to Energy        |  |      |   |      | #8 Economic Growth       |      |   |                         | x                       | #9 Resilient Infrastructure |  |      | x | #12 Responsible Consumption and Production |  |
| API Energy Excellence Program<br>(to be completed by API Staff)      |   | Yes                        |  |      | x | No   |                          |      |   |                         |                         |                             |  |      |   |  |  |
| Proposed Action:   |   | New Standard               |  |      |   |      |                          |      | x | Revise Current Standard |                         |                             |  |      |   |  |  |
|  |   | Withdraw Current Standard  |  |      |   |      |                          |      |   | Research Only           |                         |                             |  |      |   |  |  |
| Proposed Funding Type:   |   | Budget Request             |  |      |   |      |                          |      |   | Special Solicitation    |                         |                             |  |      |   |  |  |
| Total Funding Request (Parts A & B):                                 | \$  | NA                         |  |      |   |      |                          |      |   |                         |                         |                             |  |      |   |  |  |
| Name of Submitter(s):  | Peter Fay                                     |                            |  |      |   |      |                          |      |   |                         |                         |                             |  |      |   |  |  |
| Date:  | June 3, 2022                                  |                            |  |      |   |      |                          |      |   |                         |                         |                             |  |      |   |  |  |

## Part A – Resource Plan

### I. Background and Information:

1. What is the scope of the proposed work or standard (for new documents/revisions) or proposed WG charge (for SC Work Items)?

Create addendum 2 to address ambiguity in the current document.

2. a. Explain the business need for the proposed action. Indicate potential cost savings to industry where possible.  
b. What are the implications of not initiating the proposed action? Include potential safety, reliability, environmental and financial impacts that may arise.

Ambiguity puts unnecessary burden on suppliers, auditors and ultimately the task group. It will likely lead to inconsistent implementation amongst suppliers and disputed audit findings which API will refer to the task group. One example is 6.5.3.1. It requires an adjustment to test pressures but there are 10 annexes with validation testing to four different grade levels and it is up to interpretation which test pressure this applies to or not. Take load rate testing per Annex F as an example. G2 prescribes the dome pressure to charge the valve to as 800 psi, 1200 psi and max rating. This testing is done at ambient temperature. Is the supplier expected to increase the dome pressure on these tests or follow the language in Annex F and test at the pressures listed?

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3. Is this standard on the work program of another standards development organization (SDO)?

|     |                                     |    |                          |
|-----|-------------------------------------|----|--------------------------|
| Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
|-----|-------------------------------------|----|--------------------------|

If yes, specify SDO and standard designation/project title/contact

|  |
|--|
| ISO 17078-2 but no work has been done on that document in a long time. |
|--|

If yes, is the work being coordinated with the appropriate group? Are there special circumstances that would justify independent API initiation of the proposed action?

|   |
|---|
| Per IOGP work, ISO to consider supplemental standard. |
|---|

4. Are a volunteer chair and group of subject matter experts available to perform the proposed action?

Please indicate a chair and include names and company affiliation of subject matter experts, if available.

|  |
|--|
| Yes, there is already a gas lift task group established. |
|--|

5. Are there special format requirements for final document, i.e. knowledge of ISO template required), significant graphics, photos or equations) required that would need extraordinary resources?

|     |                          |    |                                     |
|-----|--------------------------|----|-------------------------------------|
| Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> |
|-----|--------------------------|----|-------------------------------------|

If Yes, please provide details:

|  |
|--|
|  |
|--|

6. Please provide any other information that is pertinent to the proposed action.

|     |
|-----|
| N/A |
|-----|

7. Is this standard part of the Monogram Program, or if a first edition, proposed to be part of the program?

|     |                                     |    |                          |
|-----|-------------------------------------|----|--------------------------|
| Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
|-----|-------------------------------------|----|--------------------------|

## II. [Project Timing and Funding](#)

1. Is there a need to commit resources to supplement the development of the draft? Would a paid content specialist accelerate progress on the development/revision? Is there a readily available content specialist?

|    |
|----|
| No |
|----|

2. Is there research proposed to accomplish the proposed action?

|                                       |                          |    |                                     |
|---------------------------------------|--------------------------|----|-------------------------------------|
| Yes                                   | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> |
| If yes, complete Part B of this form. |                          |    |                                     |

|  |            |  |            |
|--|------------|--|------------|
| Proposed start date:                           | 09/01/2022 | Proposed date draft will be ready for letter ballot:     | 07/01/2023 |
| TG/WG: (estimated number of volunteers needed) | NA         | Content Management: (\$ amount "if needed" or volunteer) | NA         |

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**PART B – Research Plan**

**I. Background and Information**

1. Proposed Research Title:

2. Proposed Project Scope:

3. a. What is the business need for the proposed research?  
 b. How does the research support the proposed action identified in Part A?  
 c. What are the implications of not performing the proposed research?

4. Is the proposed research edition-specific for a single standard or will it result in technology enhancement for multiple standards?  
 Yes  No   
 If multiple standards, please cite the standards effected:

5. Is a joint industry project (JIP) a possibility?  
 Yes  No   
 If Yes, with who?

6. Are there opportunities for leveraged research with other organizations?  
 Yes  No   
 What organizations?

**II. Project Timing and Funding:**

1. Proposed Research Amount:  
 \$

2. Research Timing:  
 Research is necessary prior to scheduled revision.       Research can be done concurrent with revision.

| Anticipated Research Funding Needs                      |   |   |   |   | Estimated Completion Date                               |
|---|---|---|---|---|---|
| Year 1 \$   | Year 2: \$  | Year 3: \$  | Year 4: \$  | Previous Funding: \$                                    |   |
| <input style="width: 100%; height: 20px;" type="text"/> | <input style="width: 100%; height: 20px;" type="text"/> | <input style="width: 100%; height: 20px;" type="text"/> | <input style="width: 100%; height: 20px;" type="text"/> | <input style="width: 100%; height: 20px;" type="text"/> | <input style="width: 100%; height: 20px;" type="text"/> |

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**PART C – Proposal Feedback/Approval Information**

|                                     |  |
|-------------------------------------|--|
| For Subcommittee Use, if applicable |  |
| SC comments to Proposer/WG:         |  |
| Date approved by subcommittee:      |  |

|  |  |
|--|--|
| For CSOEM Use                          |  |
| Date submitted to CSOEM:               |  |
| CSOEM comments:                        |  |
| Date approved by CSOEM:                |  |
| Date rejected by CSOEM (if applicable) |  |

|  |                         |                       |                      |
|--|-------------------------|-----------------------|----------------------|
| For API Use ONLY, if applicable        |                         |                       |                      |
| Priority Matrix Ranking:               | Priority 1 (Rank 10-15) | Priority 2 (Rank 7-9) | Priority 3 (Rank ≤6) |
| Date entered into API Publications DB: |                         |                       |                      |