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|  | | Gasoline Masterplan Project – Greenfield Supplier Document Cover Sheet | | | | |  | |
| Project Document No.: | | | | 235929-MG1668-CV-003-SUBC-000016 | | | | |
| VIVA DWG No. | | | | **NA** | | | | |
| Purchase Order / Subcontract No.: | | | | 235929-MG1668-CV-003 | | | | |
| Supplier / Subcontractor Name: | | | | **SYMAL INFRASTRUCTURE** | | | | |
| Document Title: | | | | Bulk Earthworks - ITP | | | | |
| Equipment / Tag No(s).: | | | | **NA** | | | | |
| SDR Code(s): | | | | E002 | | | | |
| Supplier / Subcontractor Document No.: | | | | **INF-HSEQ-ITP-002** | | | | |
| Supplier / Subcontractor Revision: | | | | **D** | | | | |
| Sub-Supplier: | | | | **NA** | | | | |
| **Supplier’s** Revision Record | | | | | | | | |
|  |  | |  | |  |  | |  |
|  |  | |  | |  |  | |  |
| B  C  D | 01-11-2023  -11-2023  3  0  06/12/2023 | | Issued For Review  Issued For Review  Issued For Review | | Oliver Paul  Oliver Paul  Oliver Paul | Will Jeffers  Dillon Haire  Dillon Haire | | Ari Birch  Ari Birch  Ari Birch |
| A | 13-10-2023 | | Issued For Review | | Oliver Paul | Will Jeffers | | Ari Birch |
| Rev | Date | | Issue State | | By | Checked | | Approved |
| SUPPLIER DOCUMENT REVIEW STATUS  *Purchaser’s review of Supplier’s documents does not relieve Supplier ofthe responsibility for correctness under the*  *Purchase Order. Permission to proceed does not constitute acceptance of design, detail and calculations, test methods or materials developed or selected by the Supplier and does not relieve the Supplier from full compliance*  *with the Purchase Order or any other obligations, nor detract from any ofthe Purchaser’s rights.*  **Purchaser’s Review Stamp**  *Should the Supplier consider that any comments made by the Purchaser change the Scope of Supply, the Supplier shall advise the price and delivery implications of such changes within five working days of receipt. The Supplier must not incorporate such changes without prior approval of the Purchaser of the revised price and/or delivery period.*  *RETROSPECTIVE CLAIMS WILL NOT BE CONSIDERED.* | | | | | | | | |
|  | | | | | | | | |
| The document consists of this front sheet plus 4 pages. | | | | | | | | |



Viva Energy GMP Project No. 235929

Engineering Review Status By:

Code 3 - Reviewed with Comments claire.oreilly

Document contains technical comments, resubmittal is required. Proceed with fabrication except where Date:

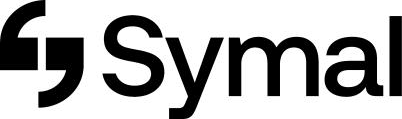
commented. Supplier is to address comments and November 15, 2023

resubmit within ten (10) business days.

These comments do not relieve the supplier of his responsibility to meet the requirements of the PO.

|  |  |
| --- | --- |
| Viva Energy GMP Project No. 235929 | |
| Engineering Review Status | By: |
|  |
| **Code 1 - No Comments** | **claire.oreilly** |
| No comments. Supplier/Subcontractor may proceed with fabrication. | Date:  **December 11, 2023** |
| These comments do not relieve the supplier of his responsibility to meet the requirements of the PO. | |

Page 1 of 1



**Inspection and test plan – bulk earthworks**

**Project no.**  CC0398 **Project name**  VIVA ULSG **Date**  13.10.2023 **Approved by**  A Birch **ITP no.**  2 **Revision no.**  D **Revision date**  06.12.2023 **Layer thickness**  **Plant and equipment used**  **Lot no.**  **Location (chainages, detailed description or marked up plan)**  Works prior to footings / bulk backfill outside trench backfill

Attach Dockets, Certificates and QA Documents to ITP

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|  | | | | | **Verify of acceptance by** | | | | **Remarks / record (eg. test frequency, reports, certificates, checklist etc)** |
| **Symal Infrastructure** | | **MDR/VIVA** | |
| **Item no.** | **Activity** | **Ref docs** | **Acceptance criteria** | **Acceptance** | **Key** | **Sign date** | **Key** | **Sign date** |
| **1.0 Preliminaries** | | | | | | | | | |
| **1.1** | Determine lot size |  | What is the lot size? | m2 | S |  | S |  |  |
| **1.2** | Survey set-out | 235929 IFC  Drawings | Has the work area been set out for line and level? | * Yes ☐ No ☐ N/A | S |  | **S** |  | **IFC drawing number:-------------**  **Rev: --------------** |
|  |  |  | Has the material being excavated been |  |  |  |  |  |  |
|  |  |  | inspected with category agreed upon by |  |  |  |
|  |  |  | Superintendent and/or Superintendents |  |  |  |
|  |  |  | Environmental Representative? |  |  |  |
| **1.3** | Excavation material classification | 235929-000- CV-SP-00002 | Tick category below:   * Common Fill (CF1) * Sand Fill (S1) * Structural Fill (SF1) * Topsoil (TS1) * Reuse of Site Won material * Rock | * Yes ☐ No ☐ N/A | H | W |
|  |  |  | * Contaminated Material |  |  |  |
| **1.4** | Material Submission / Approval | 235929-000- CV-SP-00002  Sec 11.1  Aggregate report | Has any imported material (to be used as permanent fill) been approved by MDR for usage on site. | * Yes ☐ No ☐ N/A | H |  | H |  | **Material mix design** ☐ |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | **Verify of acceptance by** | | | | **Remarks / record (eg. test frequency, reports, certificates, checklist etc)** |
| **Symal Infrastructure** | | **MDR/VIVA** | |
| **Item no.** | **Activity** | **Ref docs** | **Acceptance criteria** | **Acceptance** | **Key** | **Sign date** | **Key** | **Sign date** |
| Is the area in **cut / fill / both?**  If in **cut** proceed to step 2.0 and strike out section 3.0.  If in **fill** please strike out section 2.0 and proceed to section 3.0 If in **both** proceed to step 2.0 as well as section 3.0 | | | | | | | | | |
| **2.0 Bulk earthworks – cut** | | | | | | | | | |
| **2.1** | Subgrade preparation |  | Has the area been excavated to top of earthworks layer.  Note: Existing surface material is approximately 200-300mm of crushed rock.  Is the surface evenly graded and free-draining. | * Yes ☐ No ☐ N/A | S |  | S |  |  |
| **2.2** | Material Export / Stockpiling | SMP 20359156-211-  R-Rev | Adherence to Soil Management Plan. | * Yes ☐ No ☐ N/A | S |  | S |  |  |
| **3.0 Bulk earthworks - fill** | | | | | | | | | |
| **3.1** | Preparation of surface |  | Has surface been cleared of all loose material visible on surface. | * Yes ☐ No ☐ N/A | S |  | S |  |  |
|  |  |  | Is the material to be used for backfill blended material.   * Yes ☐ No ☐ N/A |  |  |  |  |  |  |
|  |  |  | If No, go to item 3.3. |  |  |  |  |
| **3.2** | Compaction Trial for Blended Material | 235929-PE- WI-000009 -  Backfill Specification | Has the compaction trial been undertaken?   * Yes ☐ No ☐ N/A   Did the compaction trial achieve the appropriate design backfill requirements of 70kPa?   * Yes ☐ No ☐ N/A | * Yes ☐ No ☐ N/A | H | W | MDR approval: ----------  ---(correspondence reference number) |
|  |  |  | Does MDR approve usage of site blended material for backfill purposes?   * Yes ☐ No ☐ N/A |  |  |  |  |

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|  | | | | | **Verify of acceptance by** | | | | **Remarks / record (eg. test frequency, reports, certificates, checklist etc)** |
| **Symal Infrastructure** | | **MDR/VIVA** | |
| **Item no.** | **Activity** | **Ref docs** | **Acceptance criteria** | **Acceptance** | **Key** | **Sign date** | **Key** | **Sign date** |
|  |  | 235929-000- |  |  |  |  |  |  |  |
|  |  | CV-SP-00002 |  |  |  |  |
| **3.3** | Fill Placement | Sec 12.2 | Has fill been placed in maximum 200mm  compacted layer thickness? | * Yes ☐ No ☐ N/A | W | W |
|  |  | 235929 IFC |  |  |  |  |
|  |  | Drawings |  |  |  |  |
| **3.4** | Moisture |  | Has the material maintained at +/- 3% modified moisture content, with additional water being  added if required during compaction? | * Yes ☐ No ☐ N/A | S |  | W |  | * Test reports |
|  |  |  |  | * Small Foundations |  |  |  |  |  |
|  |  |  |  | (1 test per foundation) |  |  |  |
|  |  |  | Has the layer been adequately compacted  achieving a mean value of minimum 98% MDD? | * Large Foundation |  |  |  |
| **3.5** | Compaction | 235929-000- CV-SP-00002  Sec 13 & Sec 14.2 | Density test to be completed on first backfill to verify procedure. Procedure assumed to be equal henceforth (Inspector may request additional test upon insufficient density or compaction). | (larger than 10m2) minimum 3 tests per lift   * Fill Areas minimum 2 tests per 185m2 but not less than 3 tests per area | H | W | * Test reports |
| **3.6** | Fill layer – test rolling | 235929-000- CV-SP-00002  Sec 12 | Does the layer withstand test rolling without visible deformation or springing?  List Attendees: | * Yes ☐ No ☐ N/A If ‘no’ please see below If ‘yes’ please proceed   to Conformance Check | H |  | W |  | * Proof roll checklist [235929-MG1668-CV- 003-SUBC-000053] |
| **3.7** | Identification of soft wet or unstable material |  | Has any soft or wet unsuitable material been found? | * Yes ☐ No ☐ N/A | W |  | S |  |  |
|  |  | 235929-000- CV-SP-00002 | Have any issues been determined? |  |  |  |  |  |  |
| **3.8** | Treatment of unsuitable material | Sec 12.1  Symal Proof Roll Procedure  Doc | m (length)  m (width) | * Yes ☐ No ☐ N/A | W | W | Proof Roll Checklist Dockets / Photos |

|  |  |  |  |  |  |  |  |  |  |
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|  | | | | | **Verify of acceptance by** | | | | **Remarks / record (eg. test frequency, reports, certificates, checklist etc)** |
| **Symal Infrastructure** | | **MDR/VIVA** | |
| **Item no.** | **Activity** | **Ref docs** | **Acceptance criteria** | **Acceptance** | **Key** | **Sign date** | **Key** | **Sign date** |
|  |  |  | Has the issue been rectified as per the earthworks specification?  - Remove and replace with structural fill or lean mix concrete |  |  |  |  |  |  |
| **4.0 Conformance check** | | | | | | | | | |
| **4.1** | Subgrade level and shape | 235929 IFC  Drawings | Has the prepared subgrade been surveyed in accordance with and verifying specified requirements?  Final grade +- 60mm | * Yes ☐ No ☐ N/A | H |  | W |  | * As built report **IFC drawing number:-------------**   **Rev: --------------** |
| **Comments**: | | | | | | | | | |

**Lot acceptance:**

Symal Infrastructure representative name MDR/VIVA representative name

Symal Infrastructure representative signature MDR/VIVA representative signature

**Inspection key: W –** Witness, **H –** Hold Point, **S -** Surveillance