


| Project: | DATE     | REV. | DESCRIPTION            | PURPOSE OF ISSUE | CHECK    | APPROVE |
|----------|----------|------|------------------------|------------------|----------|---------|
| 1        | 06/04/21 |      | ISSUE FOR APPROVAL     | IFC              | PARVANI  | KOMARSI |
| 2        | 06/04/21 |      | ISSUE FOR CONSTRUCTION | IFC              | PARVANI  | KOMARSI |
| 3        | 03/05/21 |      | ISSUE FOR CONSTRUCTION | IFC              | PARVANI  | KOMARSI |
| 4        | 10/05/21 |      | ISSUE FOR CONSTRUCTION | IFC              | PARVANI  | KOMARSI |
| 5        | 12/06/21 |      | ISSUE FOR CONSTRUCTION | ASB              | SHAGHIGH | KOMARSI |
| 6        | 06/09/21 |      | AS BUILT               | ASB              | SHAGHIGH | KOMARSI |

|            |  |
|------------|--|
| Client     |  <p>شرکت نیومعدنی و فولاد گستر<br/>G.I.S.D Co.</p>  |
| Contractor |  <p>معدنی و متالز مینرل<br/>MINES &amp; METALS TECHNOLOGICAL<br/>ENGINEERING CO.<br/>MMTE</p> |

|  |      |                 |              |         |                 |           |      |             |   |                |    |    |               |   |                 |            |     |   |                 |          |                 |
|--|------|-----------------|--------------|---------|-----------------|-----------|------|-------------|---|----------------|----|----|---------------|---|-----------------|------------|-----|---|-----------------|----------|-----------------|
| Client's Project   | GISD | 7-2-            | Project Code | 119     | Main Contractor | Area Code | 1002 | Plant Group | 7 | Equipment Code | AA | 04 | Document Type | P | Eng. Discipline | Serial No. | 108 |  | SCALE: AS SHOWN | REV.: A3 | L<br>SHEET: 2/2 |
|  |      |                 |              |         |                 |           |      |             |   |                |    |    |               |   |                 |            |     |   |                 |          |                 |
| PIPING & INSTRUMENTATION DIAGRAM<br>FURNACE EQUIPMENT HYDRAULIC SYSTEM |      |                 |              |         |                 |           |      |             |   |                |    |    |               |   |                 |            |     |   |                 |          |                 |
| drawing-No. <i>KCMPCOOC M5108</i>                                      |      |                 |              |         |                 |           |      |             |   |                |    |    |               |   |                 |            |     |   |                 |          |                 |
| repl. for  |      |                 |              |         |                 |           |      |             |   |                |    |    |               |   |                 |            |     | repl. by :  |                 |          |                 |
| APPROVED   |      | MOHAMMAD ZAHEBI |              | 12/2016 |                 |           |      |             |   |                |    |    |               |   |                 |            |     |   |                 |          |                 |
| CHECKED  |      | SHAHJAHAN       |              | 12/2016 |                 |           |      |             |   |                |    |    |               |   |                 |            |     |   |                 |          |                 |
| DESIGNED   |      | MASARI          |              | 12/2016 |                 |           |      |             |   |                |    |    |               |   |                 |            |     |   |                 |          |                 |
| MMTE   |      | 12/2016         |              |         |                 |           |      |             |   |                |    |    |               |   |                 |            |     |   |                 |          |                 |
| SIGNATURE  |      | DATE            |              |         |                 |           |      |             |   |                |    |    |               |   |                 |            |     |   |                 |          |                 |

| 14   | 15 | 16 |
|--|----|----|
| <p>Confidential: This document discloses proprietary information. It may not be reproduced nor disclosed any person, nor used for any purpose, except with the written permission of NMTE Co</p> |    |    |