



|                                         |               |                                          |
|-----------------------------------------|---------------|------------------------------------------|
| PIPING SYSTEM PTE LTD                   | DRAWING NO.:  | PIPE-3-11.13-CS-API 5L GRB PSL2-20260303 |
| Pipeline Material and Equipment Experts | DRAWING DATE: | 03-Mar-2026                              |

|              |          |             |                                                                                                          |      |      |
|--------------|----------|-------------|----------------------------------------------------------------------------------------------------------|------|------|
| INQUIRY NO.: | OR999999 | Description | PIPE-3INCHES-SCH160(11.13MM)-SEAMLESS-BEVELLED ENDS-CARBON STEEL-API 5L GRB-PSL2-ASME B36.10-NACE MR0175 | QTY  | UNIT |
| ITEM NO.:    | 232      |             |                                                                                                          | 1000 | M    |

## PIPE&TUBE DRAWING AND DIMENSIONS DATA



Nominal Pipe Size



Outside Diameter



Inside Diameter



Wall Thickness

| STANDARD |          | API 5L GRB PSL2 |             | (in mm) |       |       | kg           | kg           |         | m <sup>3</sup> |     |     |          |                   |
|----------|----------|-----------------|-------------|---------|-------|-------|--------------|--------------|---------|----------------|-----|-----|----------|-------------------|
| NAME     | MATERIAL | NPS             | OD INCH(ES) | OD      | ID    | WT    | METER WEIGHT | TOTAL WEIGHT | PROCESS | TOTAL VOLUME   | HIC | IGC | MTC TYPE | REFERENCE HS CODE |
| PIPE     | CS       | 80              | 3           | 88.90   | 66.64 | 11.13 | 21.35        | 21350.00     | SMLS    | 7.90           | N/A | N/A | MTC3.1   | 7304 1930.00      |

MATERIAL STANDARD: API 5L GRB PSL2 Chemical element composition content (%)

| COMPONENT | C    | Si  | Mn  | P     | S     | Cr  | Ni  | Cu  | Mo   | Ti   | B     | REMARK | CE       |
|-----------|------|-----|-----|-------|-------|-----|-----|-----|------|------|-------|--------|----------|
| Max       | -    | -   | -   | -     | -     | -   | -   | -   | -    | -    | -     | Nb+V≤  | CEV≤0.43 |
| Min       | 0.24 | 0.4 | 1.2 | 0.025 | 0.015 | 0.3 | 0.3 | 0.5 | 0.15 | 0.04 | 0.001 | 0.06   | Pcm≤0.25 |



|                                      |        |       |    |             |
|--------------------------------------|--------|-------|----|-------------|
| PIPING SYSTEM PTE LTD                |        |       |    |             |
| Https://PIPING.cn                    |        |       |    |             |
| Tel:+86-17600050068                  |        |       |    |             |
| BASED IN SINGAPORE, PIPING THE WORLD |        |       |    |             |
| DRAWING                              | Hubiao | AUDIT | 王健 | APPROVAL 李以 |