



|                                         |               |                                          |
|-----------------------------------------|---------------|------------------------------------------|
| PIPING SYSTEM PTE LTD                   | DRAWING NO.:  | PIPE-5-15.88-CS-API 5L X80 PSL2-20260302 |
| Pipeline Material and Equipment Experts | DRAWING DATE: | 02-Mar-2026                              |

|              |          |             |                                                                                                           |      |      |
|--------------|----------|-------------|-----------------------------------------------------------------------------------------------------------|------|------|
| INQUIRY NO.: | OR999999 | Description | PIPE-5INCHES-SCH160(15.88MM)-SEAMLESS-BEVELLED ENDS-CARBON STEEL-API 5L X90Q-PSL2-ASME B36.10-NACE MR0175 | QTY  | UNIT |
| ITEM NO.:    | 225      |             |                                                                                                           | 1000 | M    |

## PIPE&TUBE DRAWING AND DIMENSIONS DATA



Nominal Pipe Size



Outside Diameter



Inside Diameter



Wall Thickness

| STANDARD |          | API 5L X80 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       | 125             | 5           | 141.30  | 109.54 | 15.88 | 49.12        | 49120.00     | SMLS    | 19.97          | HIC | N/A | MTC3.2   | 7304 1920.00      |

MATERIAL STANDARD: API 5L X80 PSL2 Chemical element composition content (%)

| COMPONENT | C *  | Si * | Mn  | P    | S    | Cr * | Ni * | Cu * | Mo * | B     | REMARK  | CE       |
|-----------|------|------|-----|------|------|------|------|------|------|-------|---------|----------|
| Max       | -    | -    | -   | -    | -    | -    | -    | -    | -    | -     | Nb+V+Ti | CEV≤0.43 |
| Min       | 0.16 | 0.45 | 1.9 | 0.02 | 0.01 | 0.55 | 1    | 0.5  | 0.8  | 0.004 | ≤0.15*  | 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 |