



|                                         |               |                                          |
|-----------------------------------------|---------------|------------------------------------------|
| PIPING SYSTEM PTE LTD                   | DRAWING NO.:  | PIPE-3½-4.78-CS-API 5L X60 PSL2-20260302 |
| Pipeline Material and Equipment Experts | DRAWING DATE: | 02-Mar-2026                              |

|              |          |             |                                                                                                         |      |      |
|--------------|----------|-------------|---------------------------------------------------------------------------------------------------------|------|------|
| INQUIRY NO.: | OR999999 | Description | PIPE-3½INCHES-SCH30(4.78MM)-SEAMLESS-BEVELLED ENDS-CARBON STEEL-API 5L X60-PSL2-ASME B36.10-NACE MR0175 | QTY  | UNIT |
| ITEM NO.:    | 51       |             |                                                                                                         | 1000 | M    |

## PIPE&TUBE DRAWING AND DIMENSIONS DATA



Nominal Pipe Size



Outside Diameter



Inside Diameter



Wall Thickness

| STANDARD |          | API 5L X60 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       | 90              | 3½          | 101.60  | 92.04 | 4.78 | 11.41        | 11410.00     | SMLS    | 10.32          | HIC | N/A | MTC3.2   | 7304 1930.00      |

MATERIAL STANDARD: API 5L X60 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       | 0.18 | 0.45 | 1.7  | 0.025 | 0.015 | 0.5  | 0.5  | 0.5  | 0.5  | 0.001 |  | ≤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 |