



| 螺栓、脚钉、垫圈明细表 |           |     |     |           |     | 构 件 明 细 表 (插入式) |             |          |     |          |       |
|-------------|-----------|-----|-----|-----------|-----|-----------------|-------------|----------|-----|----------|-------|
| 名 称         | 规 格       | 单 位 | 数 量 | 重 量 (kg)  | 备 注 | 编 号             | 规 格         | 长 度 (mm) | 数 量 | 重 量 (kg) | 备 注   |
| 螺 丝         | M16X40    | 个   | 244 | 35.6      |     | 1101A           | Q420L160X14 | 6876     | 1   | 233.69   | 零附件   |
|             | M16X50    | 个   | 68  | 10.9      |     | 1102A           | Q420L160X14 | 6876     | 3   | 233.69   | 701.1 |
|             | M20X45    | 个   | 144 | 38.6      |     | 1103            | L80X6       | 8163     | 4   | 60.21    | 240.8 |
|             | M20X55    | 个   | 92  | 26.5      |     | 1104            | L80X6       | 8163     | 4   | 60.21    | 240.8 |
|             | M24X75    | 个   | 160 | 85.3      |     | 1105            | L45X4       | 812      | 8   | 2.22     | 17.8  |
| 垫 圈         |           |     |     |           |     | 1106            | L50X4       | 1462     | 8   | 4.47     | 35.8  |
|             |           |     |     |           |     | 1107            | L50X4       | 1574     | 8   | 4.81     | 38.5  |
|             |           |     |     |           |     | 1108            | L50X5       | 1927     | 8   | 7.26     | 58.1  |
|             |           |     |     |           |     | 1109            | L6.3X5      | 2346     | 4   | 11.31    | 45.2  |
|             |           |     |     |           |     | 1110            | L6.3X5      | 2346     | 4   | 11.31    | 45.2  |
| 脚 钉         | M16X180   | 个   | 14  | 4.6       |     | 1111            | L50X4       | 1513     | 8   | 4.63     | 37.0  |
|             | M24X240   | 个   | 1   | 0.9       |     | 1112            | L6.3X5      | 2197     | 8   | 10.59    | 84.7  |
|             |           |     |     |           |     | 1113            | L6.3X5      | 3108     | 4   | 14.99    | 60.0  |
| 垫 圈         | -3(φ17.5) | 个   | 16  | 0.2       |     | 1114            | L6.3X5      | 3108     | 4   | 14.99    | 60.0  |
|             | -3(φ22)   | 个   | 8   | 0.1       |     | 1115            | L56X4       | 1700     | 4   | 5.86     | 23.4  |
| 合 计         |           |     |     | 202.7 kg  |     | 1116            | L56X4       | 1700     | 4   | 5.86     | 23.4  |
|             |           |     |     |           |     | 1117            | L6.3X5      | 2559     | 4   | 12.34    | 49.4  |
|             |           |     |     |           |     | 1118            | L6.3X5      | 2559     | 4   | 12.34    | 49.4  |
|             |           |     |     |           |     | 1119            | Q345L75X5   | 7280     | 4   | 42.36    | 169.4 |
|             |           |     |     |           |     | 1120            | Q420L140X12 | 650      | 8   | 16.59    | 132.7 |
|             |           |     |     |           |     | 1121            | Q420-12X140 | 650      | 16  | 8.57     | 137.1 |
|             |           |     |     |           |     | 1122            | Q345-6X257  | 320      | 8   | 3.87     | 31.0  |
|             |           |     |     |           |     | 1123            | -8X205      | 304      | 4   | 3.91     | 15.6  |
|             |           |     |     |           |     | 1124            | L6.3X5      | 4272     | 2   | 20.60    | 41.2  |
|             |           |     |     |           |     | 1125            | L6.3X5      | 4272     | 2   | 20.60    | 41.2  |
|             |           |     |     |           |     | 1126            | L6.3X5      | 4272     | 2   | 20.60    | 41.2  |
|             |           |     |     |           |     | 1127            | L6.3X5      | 4272     | 2   | 20.60    | 41.2  |
|             |           |     |     |           |     | 1128            | L50X5       | 2544     | 4   | 9.59     | 38.4  |
|             |           |     |     |           |     | 1129            | L45X4       | 863      | 2   | 2.36     | 4.7   |
|             |           |     |     |           |     | 1130            | L45X4       | 863      | 2   | 2.36     | 4.7   |
|             |           |     |     |           |     | 1131            | L45X4       | 863      | 4   | 2.36     | 9.4   |
|             |           |     |     |           |     | 1132            | L50X4       | 1632     | 4   | 4.99     | 20.0  |
|             |           |     |     |           |     | 1133            | L45X4       | 649      | 4   | 1.78     | 7.1   |
|             |           |     |     |           |     | 1134            | -6X248      | 248      | 4   | 2.90     | 11.6  |
|             |           |     |     |           |     | 1135            | L40X4       | 1049     | 4   | 2.54     | 10.2  |
|             |           |     |     |           |     | 1136            | L45X4       | 2162     | 8   | 5.92     | 47.4  |
|             |           |     |     |           |     | 1137            | L50X4       | 3089     | 8   | 9.45     | 75.6  |
|             |           |     |     |           |     | 1138            | L6.3X5      | 5165     | 8   | 24.91    | 199.3 |
|             |           |     |     |           |     | 1139            | L45X4       | 1651     | 8   | 4.52     | 36.2  |
|             |           |     |     |           |     | 1140            | L45X4       | 1665     | 8   | 4.56     | 36.5  |
|             |           |     |     |           |     | 1141            | L40X3       | 985      | 8   | 1.82     | 14.6  |
|             |           |     |     |           |     | 1142            | -6X133      | 185      | 4   | 1.16     | 4.6   |
|             |           |     |     |           |     | 1143            | -6X133      | 185      | 4   | 1.16     | 4.6   |
|             |           |     |     |           |     | 1144            | -6X145      | 181      | 4   | 1.24     | 5.0   |
|             |           |     |     |           |     | 1145            | -6X145      | 181      | 4   | 1.24     | 5.0   |
|             |           |     |     |           |     | 1146            | -6X153      | 161      | 4   | 1.16     | 4.6   |
|             |           |     |     |           |     | 1147            | -6X153      | 161      | 4   | 1.16     | 4.6   |
|             |           |     |     |           |     | 1148            | -6X143      | 164      | 4   | 1.10     | 4.4   |
|             |           |     |     |           |     | 1149            | -6X143      | 164      | 4   | 1.10     | 4.4   |
|             |           |     |     |           |     | 1150            | -6X174      | 189      | 4   | 1.55     | 6.2   |
|             |           |     |     |           |     | 1151            | -6X174      | 189      | 4   | 1.55     | 6.2   |
|             |           |     |     |           |     | 1158            | -8X220      | 330      | 4   | 4.56     | 18.2  |
|             |           |     |     |           |     | 1159            | -8X220      | 330      | 4   | 4.56     | 18.2  |
| 合 计         |           |     |     | 3296.6 kg |     |                 |             |          |     |          |       |

|  |      |                                 |                |
|--|------|---------------------------------|----------------|
| 国家电网公司 STATE GRID CORPORATION OF CHINA |      |                                 |                |
| 110~500kV输电线路通用设计                      |      | 施 工 图                           | 版 次            |
| 编 号                                    |      | 2B5-J4 杆塔等<br>27.0m 塔身结构图 (-) ① |                |
| 审 核                                    |      |                                 |                |
| 设 计                                    |      |                                 |                |
| CAD 输出                                 |      |                                 |                |
| 比例                                     | 1:20 | 图 号                             | 2B5-J4-12(2/2) |