

## MP17033 - Unity Structure MTO Analyze

Date of Analysis: 20-Jul-2023

Total Number of Records: 1002

Overall Total Gross Weight: 10416.9000 (TONs)

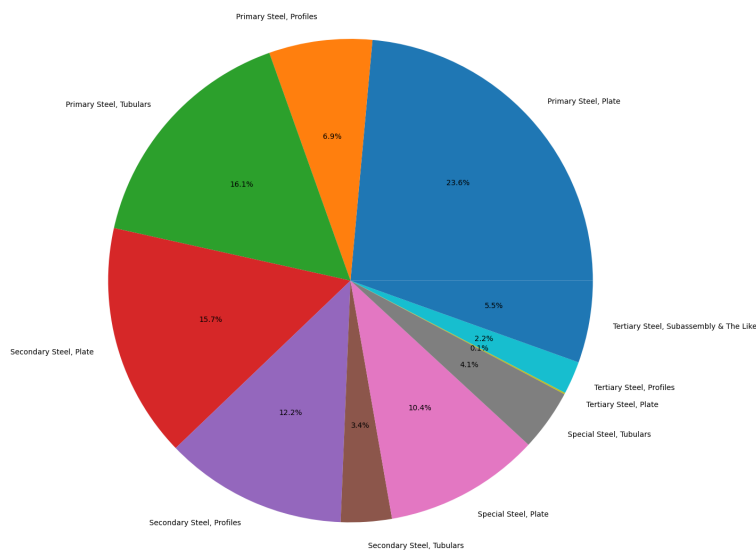
Average Unit Weight: 128.6067 (Kg)

Total Quantity Committed: 86740.6000

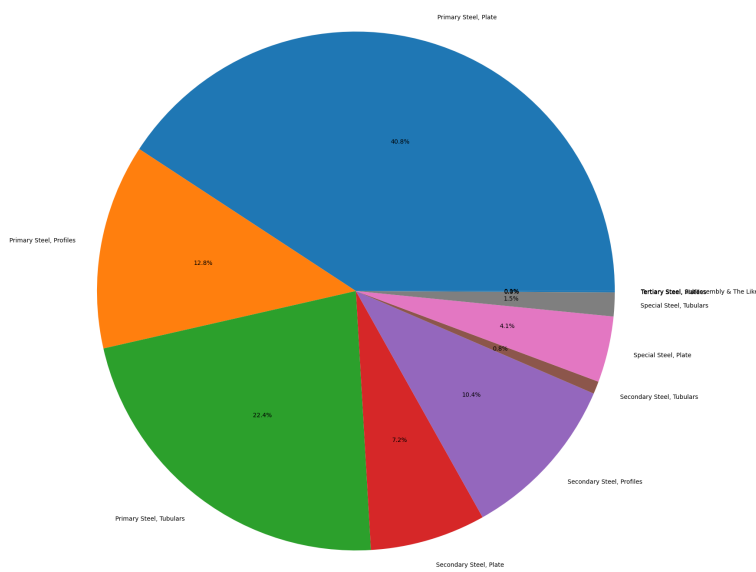
### Material Type Breakdown:

Material Type	Count
Primary Steel, Plate	236
Primary Steel, Profiles	69
Primary Steel, Tubulars	161
Secondary Steel, Plate	157
Secondary Steel, Profiles	122
Secondary Steel, Tubulars	34
Special Steel, Plate	104
Special Steel, Tubulars	41
Tertiary Steel, Plate	1
Tertiary Steel, Profiles	22
Tertiary Steel, Subassembly & The Like	55

# Material Type Breakdown (Pie Chart):



# Total Gross Weight Breakdown by Material Type:



**Data Source and Filters:**

Data Source: [Specify data source]

**Filters Applied:**

- Project: 17033

**Data Breakdown:**

***Material Type: Primary Steel, Plate***

Total Gross Weight: 4248.1000

Total NET Weight: 3.6943 (TONS)

Total Quantity including Wastage: 29143.6000

Total Thickness: 4822.8800

Average Thickness: 20.4359

Total QTY to commit: 25342.1000

Wastage Quantity: 3800.3000

***Material Type: Primary Steel, Profiles***

Total Gross Weight: 1330.8000

Total NET Weight: 1.1568 (TONS)

Total Quantity including Wastage: 15017.6000

Total Thickness: 999.2000

Average Thickness: 14.4812

Total QTY to commit: 13058.3000

Wastage Quantity: 1959.2000

***Material Type: Primary Steel, Tubulars***

Total Gross Weight: 2330.2000

Total NET Weight: 2.0259 (TONS)

Total Quantity including Wastage: 19716.7000

Total Thickness: 2453.8900

Average Thickness: 15.2416

Total QTY to commit: 17144.5000

Wastage Quantity: 2571.4000

***Material Type: Secondary Steel, Plate***

Total Gross Weight: 751.3000

Total NET Weight: 0.6536 (TONS)

Total Quantity including Wastage: 6623.7000

Total Thickness: 2836.5000

Average Thickness: 18.0669

Total QTY to commit: 5759.6000

Wastage Quantity: 863.4000

***Material Type: Secondary Steel, Profiles***

Total Gross Weight: 1082.7000

Total NET Weight: 0.9411 (TONS)

Total Quantity including Wastage: 25062.8000

Total Thickness: 1390.1000

Average Thickness: 11.3943

Total QTY to commit: 21795.0000

Wastage Quantity: 3269.7000

***Material Type: Secondary Steel, Tubulars***

Total Gross Weight: 81.7000

Total NET Weight: 0.0711 (TONS)

Total Quantity including Wastage: 1376.6000

Total Thickness: 320.2600

Average Thickness: 9.4194

Total QTY to commit: 1197.2000

Wastage Quantity: 179.5000

***Material Type: Special Steel, Plate***

Total Gross Weight: 428.6000

Total NET Weight: 0.3720 (TONS)

Total Quantity including Wastage: 1917.6000

Total Thickness: 3374.0000

Average Thickness: 32.4423

Total QTY to commit: 1667.2000

Wastage Quantity: 250.3000

***Material Type: Special Steel, Tubulars***

Total Gross Weight: 154.7000

Total NET Weight: 0.1343 (TONS)

Total Quantity including Wastage: 750.6000

Total Thickness: 950.9500

Average Thickness: 23.1939

Total QTY to commit: 653.0000

Wastage Quantity: 97.8000

***Material Type: Tertiary Steel, Plate***

Total Gross Weight: 0.2000

Total NET Weight: 0.0001 (TONS)

Total Quantity including Wastage: 3.6000

Total Thickness: 6.0000

Average Thickness: 6.0000

Total QTY to commit: 3.2000

Wastage Quantity: 0.5000

***Material Type: Tertiary Steel, Profiles***

Total Gross Weight: 0.1000

Total NET Weight: 0.0001 (TONS)

Total Quantity including Wastage: 1.7000

Total Thickness: 248.0000

Average Thickness: 11.2727

Total QTY to commit: 1.5000

Wastage Quantity: 0.2000

***Material Type: Tertiary Steel, Subassembly & The Like***

Total Gross Weight: 8.5000

Total NET Weight: 0.0072 (TONS)

Total Quantity including Wastage: 136.9000

Total Thickness: 0.0000

Average Thickness: 0.0000

Total QTY to commit: 119.0000

Wastage Quantity: 17.9000

**Insights:**

The analysis of equipment data for Unity Project provides the following insights:

- Primary Steel, Plate is the most common material type, accounting for 23.5529 % of the records.
- Secondary Steel, Profiles have a relatively high representation, accounting for 12.1756 % of the records.
- Special Steel, Tubular have the lowest representation, accounting for 4.0918 % of the records.

- The average unit weight across all materials is 128.6067 kg.
- The overall total gross weight is 10416.9000 tons.
- The total quantity committed is 86740.6000.
- The data breakdown by material type and the corresponding quantities provide a detailed overview of the equipment distribution.