

Enclosure (Entity)

Bay Number – 105 (Key)

Location – Aisle 1

Height – 5m

Bin (Entity)

Bay Number - 105 (Key)

Bin Number- 43 (Key)

Size - 10m<sup>2</sup>

Max Loaded Weight – 500kg

Forklift (Entity)

Equipment Number - 123 (Key)

Bay Number - 105

Max Carrying Weight – 700kg

Type - Electric

Item (Entity)

Item Number – 77 (Key)

Date Added – 01/01/2024

Weight – 10kg

Item Storage (Event Entity)

Item Number - 77(Key)

Bay Number - 105(Key)

Bin Number – 43 (Key)

Date Stored in Bin – 05/05/2024

1. Which bins in Bay 109 have a maximum loaded weight greater than 400 kg?
2. How many forklifts are electric type?
3. How many items are stored in Bay 102?
4. What is the total weight of items in Bin 5 of Bay 103?
5. When was item 456 moved into Bin 3 in Bay 101?