

FOREWORDS

A message to HYUNDAI lift truck operators	0-1
Introduction	0-2
How to use this manual	0-3
Safety labels	0-5
Guide	0-8

1. GENERAL SAFETY RULES

1. Daily inspection	1-1
2. Do's and don'ts	1-2
3. No riders	1-4
4. Pedestrians	1-5
5. Operator protection	1-6
6. Fork safety	1-7
7. Pinch points	1-8
8. Travel	1-9
9. Grades, ramps, slopes and inclines	1-10
10. Tip over	1-11
11. Surface and capacity	1-12
12. Parking	1-13
13. Lifting, jacking and blocking	1-14
14. Loading and unloading by crane	1-19

2. OPERATING HAZARDS

1. Loose loads	2-1
2. Long and wide loads	2-2
3. Rear swing	2-2
4. Low overhead clearance	2-3
5. Fast turns and high loads	2-3
6. Drop-offs	2-4
7. Right-angle stacking	2-4
8. Chain slack	2-5
9. Pallets and skids	2-5
10. Caution for electrical lines	2-6
11. Solid tire	2-7

3. KNOW YOUR TRUCK

1. General locations	3-1
2. Data/safety plates and decals	3-2
3. Instruments and controls	3-5
4. Instruments panel	3-6
5. Operating switches and levers	3-16
6. Battery connector	3-20
7. Support and safety parts	3-20

4. DAILY SAFETY INSPECTION

1. Inspecting your truck	4-1
2. Visual checks	4-2
3. Functional checks	4-3
4. Concluding the inspection	4-3

5. OPERATING PROCEDURES

1. Before operating the truck	5-1
2. Starting from a safe condition	5-1
3. Starting the truck	5-2
4. Controlling Speed	5-4
5. Braking	5-4
6. Plugging	5-4
7. Operating safely	5-5
8. Load handling	5-7
9. Shut down procedure	5-13

6. EMERGENCY TOWING

1. Towing precautions	6-1
2. Towing procedures	6-2
2. Emergency lowering	6-3

7. PLANNED MAINTENANCE

1. Introduction	7-1
2. Lift truck maintenance	7-1
3. Planned maintenance	7-1
4. Planned maintenance intervals	7-2
5. Major component locations	7-3

6. Daily maintenance checks	7-4
7. Periodic maintenance checks	7-5
8. Safe maintenance practices	7-6
9. Maintenance guide	7-8
10. Visual inspection	7-13
11. Checking the hydraulic oil	7-15
12. Critical fastener checks	7-15
13. Air cleaning the truck	7-16
14. Electric truck battery maintenance	7-17
15. Battery handling	7-18
16. Battery charging	7-19
17. Battery installation & removal from truck	7-21
18. Battery cleaning and care	7-23
19. New machine oil	7-24
20. Recommended lubricants	7-24

8. SPECIFICATIONS

1. Specification	8-1
2. Specification for major components	8-4
3. Tightening torque	8-6