



NORTH CAROLINA DEPARTMENT OF LABOR

No. 50-1

OSH DIVISION

Date: 10/2009

OSHNC INDUSTRIAL DATA REPORT

Pages: 3

Industry: Wholesale Trade, Hardware, Plumbing, Heating Equipment and Supplies

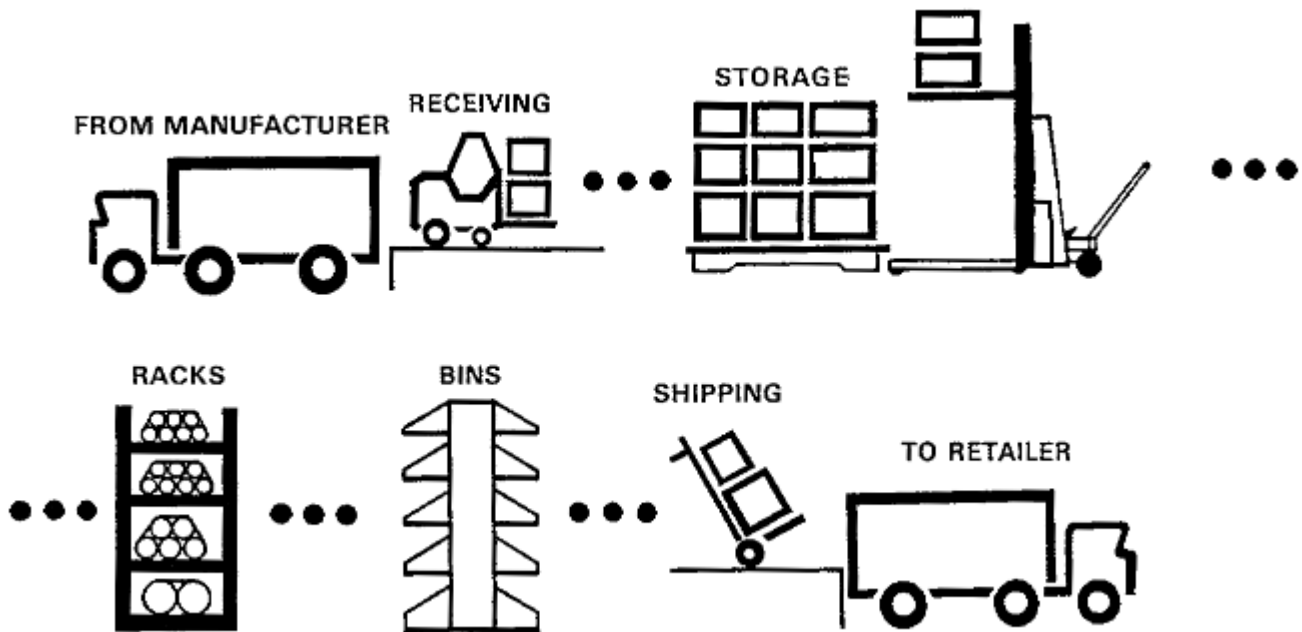
Sub-Group: Hardware, Plumbing and Heating Equipment


SIC: 5072 and 5074

NAICS: 423710, 423720 and 423730

PROCESS DESCRIPTION: This is a service consisting of receiving, storing and wholesale distributing of hardware, plumbing, heating equipment and supplies. Basic material consists of a wide variety of merchandise in various size and weight packages such as kegs of nails, ladders, cases of bolts, rolls of screen wire, metal and plastic pipe in various lengths, bath tubs, water heaters, heating units and heat ducts. Merchandise is received at the warehouse by rail or truck, unloaded and placed in the warehouse in stacks, racks or bins. Various types of material-handling equipment are used such as stackers, hand trucks and forklift trucks. Outgoing merchandise usually is removed by company-owned trucks or in customer-owned vehicles for delivery to retail outlets.

PROCESS FLOW:



	NORTH CAROLINA DEPARTMENT OF LABOR		No. 50-1
	OSH DIVISION		Date: 10/2009
	OSHNC INDUSTRIAL DATA REPORT		Pages: 3

Hazards Analysis


Major Hazards			Other Hazards		
Location	Item	Hazard	Location	Item	Hazard
Receiving and shipping docks	Mechanical handling equipment, wheel chocks, dockboards	Falling materials, crushing by machinery	Gasoline storage tank	Flammable and combustible liquid	Fire and burns
Stack area and racks	Stored materials	Falling and striking or crushing employees	Battery charging area	Acids and explosive gas	Skin burns, fires and explosions
Throughout	Powered industrial trucks Overhead storage platform	Accidents, carbon monoxide Falls	Throughout	Housekeeping and exits	Fire and tripping entrapment
Receiving and unpacking	Carton opening blades and metal band cutter	Hand cuts, lacerations, eye injuries			

Key OSHNC Standards

Reference	29 CFR 1910 — General Industry Standards
Subpart D	Walking and working surfaces
Subpart I	Personal protective equipment
1910.176	Handling materials
1910.178	Powered industrial trucks
1910.1000	Air contaminants
1910.1200	Hazard communication

Inspection Analysis

The inspection should begin at the receiving docks, checking especially for the wheel chocks, anchored dockboards, mechanical handling equipment and the walking and working surfaces. In the warehouse area, note again the material handling equipment, walking and working surfaces, exists, material stacking, racks and bins and use of personal protective equipment. Continue through the work area and check for any evidence of carbon monoxide. Proceed to the shipping docks and check those items noted at the receiving

	NORTH CAROLINA DEPARTMENT OF LABOR		No. 50-1
	OSH DIVISION		Date: 10/2009
	OSHNC INDUSTRIAL DATA REPORT		Pages: 3
docks, Also check outside storage area for gasoline, dispensing, “No Smoking” signs and adequate vent pipes.			
Other Pertinent Comments: The key points to a safe wholesale distributor warehouse area are basically (1) good housekeeping, (2) good, periodic maintenance of the mechanical handling equipment, (3) good safety program and regular safety inspections of area, (4) safe stacking procedures and (5) follow-up and enforcement of all safety rules pertaining to personnel and equipment.			