



NORTH CAROLINA DEPARTMENT OF LABOR

No. 17-3

OSH DIVISION

Date: 03/2011

OSHNC INDUSTRIAL DATA REPORT

Pages: 3

Industry: Construction

Sub-Group: Plastering and Lathing

SIC: 1742

NAICS: 238310

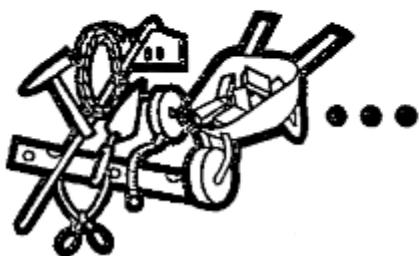
### PROCESS DESCRIPTION:

**LATHING:** Fastens wooden, metal or rock board lath to walls, ceilings and partitions of buildings to provide supporting base for plaster, fireproofing or acoustical materials. Erects horizontal metal framework to which laths are fastened using nails, bolts and stud gun. Drills holes in floor and ceiling using portable electric tools and drives ends of wooden or metal studs into holes to provide anchor for furring or rockboard lath. Wires horizontal strips to furring to stiffen framework. Cuts lath to fit openings and projections using hand tools or portable power tools. Wires, nails, clips or staples lath to framework, ceiling joints and flat concrete surfaces. Bends metal lath to fit corners or attaches preformed corner reinforcements. Wires plasterers' channels to overhead structural framework to provide support for plaster or acoustical ceiling tile. May install metal casings around openings, metal window stools and metal trim and plaster grounds (wood or metal strips) nailed to studding to provide guide for plasterer.

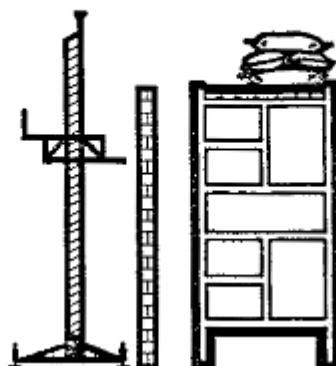
**PLASTERING:** Applies coats of plaster to interior walls, ceilings and partitions of buildings to produce finished surface. Mixes plaster to desired consistency and erects scaffolds. Spreads plaster over lath or masonry base, using trowel and smoothes it with darby and float to attain uniform thickness. Applies scratch brown or finish coats of plaster to wood, metal or board lath successively. Roughens undercoat with scratches (wire or metal scraper) to provide bond for succeeding coats of plaster. Creates decorative textures in finish coat by marking it with brush and trowel or by spattering it with small stones. May mix mortar. May install guide wires on exterior surface of buildings to indicate thickness of plaster to be applied. May install precise ornamental plaster pieces by applying mortar to back of pieces and pressing them into place on wall or ceiling. May apply plaster with spray gun.

**PROCESS FLOW:** Lathing or necessary base must be provided before plastering. In some cases both lathers and plasterers are on the job at the same time. In other cases the plasterers immediately follow the lathers. Usually the same company will do the lathing and plastering, but will have different crews for each job. In some cases both crews use the same scaffolding, ladders and storage facility.

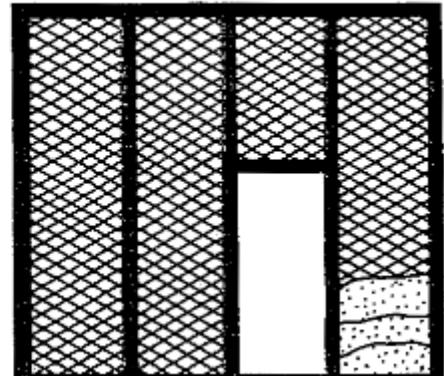
TOOLS



SCAFFOLDING



LATHING AND PLASTERING



 <b>NCDOL</b> <i>N.C. Department of Labor</i>	<b>NORTH CAROLINA DEPARTMENT OF LABOR</b>		<b>No. 17-3</b>
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## Hazards Analysis

<b>Major Hazards</b>			<b>Other Hazards</b>		
<b>Location</b>	<b>Item</b>	<b>Hazard</b>	<b>Location</b>	<b>Item</b>	<b>Hazard</b>
Job site	Drilling into ceiling	Eye injury	Job site	Lack of guard rails around scaffold over 10 feet high	Falling
	Temporary lights with no guards over bulbs	Electrocution and burn potential; eye injury		Housekeeping	Slipping, tripping or falling, or fire
	Personal protective equipment	Potential head and eye injury when handling materials overhead and on scaffold or being near base of scaffolds			
	Asbestos dust from fireproofing spray	Carcinogen			
Storage trailer	100 lb. bags of plaster	Falling/dropping on feet			

## Key OSHNC Standards

<b>Reference</b>	<b>29 CFR 1926 — Construction Industry Standards</b>
Subpart C and 13 NCAC 7F.0202	General Safety and Health Provisions - federal and state-specific requirements (for 1926.28)
Subpart D	Occupational Health and Environmental Controls
Subpart E and 13 NCAC 7F.0204	Personal Protective and Lifesaving Equipment - federal and state-specific requirements (for 1926.104)
Subpart H	Materials Handling, Storage, Use, and Disposal
Subpart I	Tools - Hand and Power
Subpart L	Scaffolds
Subpart O	Motor Vehicles, Mechanized Equipment, and Marine Operations
Subpart X	Stairways and Ladders
Subpart CC	Cranes and Derricks
1926.556	Aerial Lifts



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### **Inspection Analysis**

The inspection must begin where there is any work in progress or where any is ready to start. The supervisor can supply this information. All storage areas for materials and tools must be checked thoroughly.

**Other Pertinent Comments:**