

PHYSICAL DEMANDS ANALYSIS (EXAMPLE)
DRYWALLER STEEL STUD FRAMER



JOB DESCRIPTION

TASK #	TASK DESCRIPTION	% OF SHIFT
1	Install steel studs: A worker would be required to measure, cut, and install various sizes of metal studs at waist level, below waist level, and above shoulder level. A worker would be required to utilize electric hand tools, power saws, knives, scaffolding, and ladders. Materials would be required to be measured and secured using a drill.	95%
2	Preparation and cleanup.	5%

*The physical demands may vary depending on company and location.
 Confirm this physical demands analysis is an accurate representation of the specific job.*

ITEMS HANDLED

- | | | |
|----------------|--|----------------------------|
| • Tape measure | • Scaffolding (Deck: 46 lbs, railings: 42 lb.) | • Knife |
| • Lasers | • Tool belt (15 lb.) | • A pail of tools (50 lb.) |
| • Saws | • A bundle of steel studs (72 lb.) | • Clamps |
| • Grinders | • Pneumatic track gun | • Ladder (45 lb.) |
| • Drills | • Steel framing (8', 10', or 12'; 4" or 6" wide) | • Utility knife |

PERSONAL PROTECTIVE EQUIPMENT

- Hard hat
- Steel toed boots
- Gloves
- Foam safety eyewear
- Safety vest or high visibility stripes
- Long sleeves and pants
- Hearing protection

ENVIRONMENTAL EXPOSURE

Work can be inside or outside, depending on the job required. A worker could be exposed to the following:

- Noise
- Rough Terrain
- Tripping Hazards
- Moving Equipment
- Heights
- Vibrations
- Hot/Cold Temperatures
- Dust

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JOB TITLE	DRYWALLER STEEL STUD FRAMER					LENGTH OF SHIFT (HRS)	8
JOB DESCRIPTION							
A Drywall Steel Stud Framer specializes in utilizing electric or hand tools to install wall systems, often working with materials involving steel frames. The primary job duties for this position involve sizing and cutting metal studs and installing tracks in walls at various heights. A Steel Stud Framer would require knowledge and understanding reading blueprints.							
PHYSICAL JOB DEMANDS - Grade using a scale of 0 - 4							
0 = NOT REQUIRED		1 = SELDOM REQUIRED: < 5%		2 = MINOR REQUIREMENT: 5-33%			
-		Less than 30 minutes per day or not daily		30 minutes up to 3.5 hours per day or 1 repetition every 30 minutes			
3 = OCCASIONAL REQUIREMENT: 34-66%				4 = FREQUENT REQUIREMENT: 67-100%			
3.5 hours up to 6.5 hours per day or 1 repetition every 2 minutes				6.5 hours per day up to shift length or 1 repetition every 30 seconds			
INSTRUCTIONS: Place an X under number 0,1,2,3 or 4 to identify the frequency of each body demand or exposure.							
PHYSICAL JOB DEMANDS	0	1	2	3	4	DESCRIBE THE TASK(S) PERFORMED	
WHOLE BODY DEMANDS							
SITTING			X			When completing work at low levels.	
SITTING WITH VIBRATION/JARRING	X					-	
DRIVING	X					-	
STANDING			X			Required when cutting materials, standing on scaffolding to complete work, measuring materials, installing framing, etc.	
RUNNING	X					-	
WALKING							
LEVEL				X		Required on most jobsites; however, this is job dependent.	
UNEVEN GROUND				X		This could be required up to a frequent basis; however, this is site dependent.	
SLOPES / RAMPS	X					-	
CLIMBING							
REGULAR STAIRS	X					-	
STEEP STAIRS	X					-	
LADDERS			X			Ladder climbing would be required when installing steel framing above head or at high levels. This is job dependent.	
OTHER			X			Scaffolding would be required when installing steel framing above head or at high levels. This is job dependent.	
LOW LEVEL WORK							
KNEELING			X			Required when completing work in lower-level positions or working on scaffolding when working at higher level positions.	
SQUATTING			X			Required when completing work in lower-level positions or working on scaffolding when working at higher level positions.	
CRAWLING	X					-	

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PHYSICAL JOB DEMANDS	0	1	2	3	4	DESCRIBE THE TASK(S) PERFORMED
SPECIFIC BODY DEMANDS						
NECK MOVEMENTS						
BENDING						
SUSTAINED	X					-
REPETITIVE				X		Required when installing steel studs, cutting materials, grabbing tools and equipment, site prep, site clean up, and when working above head to install steel studs, measurement of materials, using lasers or hand tools, etc.
TWISTING						
SUSTAINED	X					-
REPETITIVE				X		Required when installing steel studs, ensuring a safe working environment, measuring materials, etc.
TRUNK MOVEMENTS						
BENDING						
SUSTAINED	X					-
REPETITIVE			X			Required when completing work below waist, grabbing materials, cutting materials, measurement of materials, site clean up, site prep, etc.
TWISTING						
SUSTAINED	X					-
REPETITIVE			X			Required when grabbing materials, working on ladders, working on scaffolding, gathering materials, and using equipment and tools, etc.
SHOULDER MOVEMENTS						
OVERHEAD				X		Required when installing steel studs, operation of drill, measuring, securing studs, etc.
FORWARD REACHING				X		Required when cutting steel, using a drill, operating saws, installing studs, completing paperwork, handling tools and equipment, moving ladders and scaffolding, clean up, site prep, etc.
GRIPPING DEMANDS						
DOMINANT HAND						
REPETITIVE					X	Required when using hand tools such as snipes, operating drills, handling steel studs, gripping drills.
CONTINUOUS	X					-
NON-DOMINANT HAND						
REPETITIVE			X			Handling steel studs, gripping drills.
CONTINUOUS	X					-
FINGER DEXTERITY				X		Required when handling screws, nails, completing paperwork, operation of hand tools, operation of power hand tools, etc.

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PHYSICAL JOB DEMANDS	0	1	2	3	4	DESCRIBE THE TASK(S) PERFORMED
MANUAL HANDLING DEMANDS						
LIFTING						
LIGHT (MAX 20 LB / 9 KG)			X			A variety of tools and equipment such as hand tools, saws, drills, knives, etc., A steel stud (7 lb.), Tool belt (15 lb.)
MEDIUM (MAX 50 LB / 22.5 KG)			X			Scaffolding deck (46 lb.), Scaffolding railings (42 lb.), 12-foot ladder (45 lb.), Pail of tools (50 lb.)
HEAVY (MAX 100 LB / 45 KG)		X				A bundle of studs (72 lb.)
VERY HEAVY (OVER 100 LB / 45 KG)	X					-
CARRYING						
LIGHT (MAX 20 LB / 9 KG)			X			A variety of tools and equipment such as hand tools, saws, drills, knives, etc., A steel stud (7 lb.), Tool belt (15 lb.)
MEDIUM (MAX 50 LB / 22.5 KG)			X			Scaffolding deck (46 lb.), Scaffolding railings (42 lb.), 12-foot ladder (45 lb.), Pail of tools (50 lb.)
HEAVY (MAX 100 LB / 45 KG)	X					-
VERY HEAVY (OVER 100 LB / 45 KG)	X					-
MOBILE PUSHING						
LIGHT (MAX 20 LB / 9 KG)	X					-
MEDIUM (MAX 50 LB / 22.5 KG)	X					-
HEAVY (MAX 100 LB / 45 KG)	X					-
VERY HEAVY (OVER 100 LB / 45 KG)	X					-
MOBILE PULLING						
LIGHT (MAX 20 LB / 9 KG)	X					-
MEDIUM (MAX 50 LB / 22.5 KG)	X					-
HEAVY (MAX 100 LB / 45 KG)	X					-
VERY HEAVY (OVER 100 LB / 45 KG)	X					-
STATIC PUSHING/PULLING						
LIGHT (MAX 20 LB / 9 KG)	X					-
MEDIUM (MAX 50 LB / 22.5 KG)	X					-
HEAVY (MAX 100 LB / 45 KG)	X					-
VERY HEAVY (OVER 100 LB / 45 KG)	X					-