

*Safety / OSHA reports***US Department of Labor/OSHA WTC Safety Intervention***grouped by sector, hazard, and tasks from 10/15/2001 to 10/21/2001*

Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
AMEC						
	Total # of Hazards:		55			
	Compressed Gas Cylinders		# of Hazard(s):		4	
	Cylinders not Secured		# of Occurrence(s): 1			
			10/21/01	6:40 PM	West St.	
	Cylinders; Stored Together		# of Occurrence(s): 1			
			10/17/01	8:30 AM	WTC #1	
	Lifting cylinder by valve ring with crane		# of Occurrence(s): 1			
			10/15/01	9:10 AM	BY West st.	
	Not stored upright		# of Occurrence(s): 1			
			10/15/01		West & Liberty	
	Cranes		# of Hazard(s):		3	
	Aerial lifts		# of Occurrence(s): 1			
			10/17/01	3:35 AM	WTC #1	
	Lifting over employees		# of Occurrence(s): 1			
			10/21/01	11:00 PM	WTC 1	
	No tag lines on load		# of Occurrence(s): 1			
			10/15/01	1:20 PM	West of WTC 6	
	Electrical		# of Hazard(s):		2	
	Damaged cords		# of Occurrence(s): 1			
			10/15/01		West & Liberty	
	generator not grounded		# of Occurrence(s): 1			
			10/17/01	1:40 AM	WTC 7	
	Eye/Face Protection		# of Hazard(s):		2	
	Debris Pile		# of Occurrence(s): 1			
			10/15/01	5:00 AM		
	Using air to clean excavator		# of Occurrence(s): 1			
			10/15/01	8:00 AM	West St.	
	Fall		# of Hazard(s):		3	
	From equipment		# of Occurrence(s): 1			
			10/15/01	5:00 AM	WTC 1	
	Not Tied Off		# of Occurrence(s): 2			

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Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
AMEC	Total # of Hazards: 55					
			10/16/01	1:00 AM	AMEX Building	welding on 21st Floor
			10/16/01	1:40 PM	Winter garden	
	Fall Hazard	# of Hazard(s): 1				
	Platform Not Rated	# of Occurrence(s): 1				
			10/17/01	3:50 PM	WTC #1	
	Hard Hats	# of Hazard(s): 4				
	Debris Pile	# of Occurrence(s): 2				
			10/17/01	5:10 AM	Plaza	Crane operator did not want to wear his hard hat when out of the crane.
			10/20/01	11:50 PM	Plaza	
	Task Unknown	# of Occurrence(s): 2				
			10/15/01	2:55 AM	Between tower 1 & 2	
			10/15/01	4:00 PM	west st	
	Hoses not protected	# of Hazard(s): 2				
	Vehicles running over oxy/ act hoses	# of Occurrence(s): 2				
			10/15/01	8:10 AM	into pile	
			10/15/01	9:30 AM	North of S. Tower	
	Improper Rigging	# of Hazard(s): 1				
	hook missing safety latch	# of Occurrence(s): 1				
			10/21/01	2:00 PM	West st neat WTC 2	
	Load not secured	# of Hazard(s): 1				
	Truck drivers	# of Occurrence(s): 1				
			10/15/01	4:45 AM	WTC 1	
	Material Handling Equipment	# of Hazard(s): 1				
	Debris Removal	# of Occurrence(s): 1				
			10/17/01	4:15 AM	WTC 6	pulling a steel column out of rubble pile
	Motor Vehicles	# of Hazard(s): 1				
	Exceeding speed limit	# of Occurrence(s): 1				
			10/15/01		West St	

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Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
AMEC	Total # of Hazards: 55					
	No Personal Protective Equipment	# of Hazard(s):	1			
	Debris Pile	# of Occurrence(s):	1			
		10/17/01	3:25 AM	WTC #1		
	Overhead hazards	# of Hazard(s):	1			
	no tag lines	# of Occurrence(s):	1			
		10/15/01	1:05 AM	Tower 1		
	Personal Hygiene	# of Hazard(s):	1			
	Urinating on ground near truck	# of Occurrence(s):	1			
		10/21/01	6:00 PM	West st in front of WTC 1		
	Personnel Platforms (Manbaskets)	# of Hazard(s):	2			
	Not Tied Off	# of Occurrence(s):	1			
		10/18/01	7:58 AM	Near Amex		
	Over loaded manbasket	# of Occurrence(s):	1			
		10/21/01	7:10 PM	West St. near WTC 6		
	PPE	# of Hazard(s):	1			
	Oxy/Acetylene Cutting	# of Occurrence(s):	1			
		10/15/01		Road off West St.	Improper buring	
	Respirator; Improper or Not Using	# of Hazard(s):	1			
	Oxy/Acetylene Cutting	# of Occurrence(s):	1			
		10/20/01	4:00 PM	WTC #6		
	Respirators	# of Hazard(s):	9			
	Debris Pile	# of Occurrence(s):	3			
		10/15/01	5:00 AM			
		10/15/01	8:00 AM	West St.		
		10/18/01	8:30 PM	WTC 1		
	Loading trucks	# of Occurrence(s):	1			
		10/15/01	9:15 AM	North of S. Tower		
	Machine Operator	# of Occurrence(s):	2			
		10/15/01	1:45 PM	Tower #1		

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Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
AMEC	Total # of Hazards: 55		10/21/01	11:00 PM	WTC 1	
	Oxy/Acetylene Cutting	# of Occurrence(s): 2	10/15/01	10:00 AM	East of WTC 6	
			10/18/01	10:30 PM	WTC & Northside	
	Task Unknown	# of Occurrence(s): 1	10/15/01		West & Liberty	
Scaffold	# of Hazard(s): 1					
	Climbing crossbracing	# of Occurrence(s): 1	10/15/01	2:00 PM	East side of Wintergarden	
Slings	# of Hazard(s): 2					
	Crane Rigging	# of Occurrence(s): 2	10/17/01	4:00 AM	WTC #1	
			10/19/01	7:45 AM	West St. AMX Bldg.	
Struck By	# of Hazard(s): 3					
	Excessive speed	# of Occurrence(s): 1	10/21/01	3:30 AM	Pier 25	
	No hard hats	# of Occurrence(s): 1	10/21/01	3:30 AM	Pier 25	
	Not wearing vest	# of Occurrence(s): 1	10/21/01	3:00 AM	Pier 25	
Unauthorized Riders	# of Hazard(s): 2					
	7 riders in gator	# of Occurrence(s): 1	10/15/01	12:05 PM	West St.	
	Too many riders on gator	# of Occurrence(s): 1	10/15/01	5:20 AM	West St.	
Working under loads	# of Hazard(s): 6					
	Debris Pile	# of Occurrence(s): 1	10/17/01	4:25 AM	Plaza	
	Hoisting Materials	# of Occurrence(s): 1	10/21/01	1:15 PM	East of WTC 6	

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Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
AMEC	Total # of Hazards: 55					
		Lifted over employees		# of Occurrence(s): 1		
			10/21/01	6:30 PM	West St WTC 1	
		Load moving over employees		# of Occurrence(s): 1		
			10/16/01	10:10 PM	West Street	
		Task Unknown		# of Occurrence(s): 2		
			10/15/01	4:30 PM	Amec Area	
			10/18/01	8:30 AM	Tower 1	

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Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Bovis	Total # of Hazards: 79					
	Back Up Alarm		# of Hazard(s): 2			
		Debris Pile		# of Occurrence(s): 1		
			10/17/01	8:30 PM	WTC #3	
		Truck drivers		# of Occurrence(s): 1		
			10/18/01	9:15 AM	WTC 2	
	Barricades		# of Hazard(s): 2			
		Fall into excavation		# of Occurrence(s): 1		
			10/21/01	7:30 PM	SW corner	
		Open holes		# of Occurrence(s): 1		
			10/20/01	8:30 PM	Liberty & 2 WTC	
	Compressed Gas Cylinders		# of Hazard(s): 11			
		Cylinders not Secured		# of Occurrence(s): 5		
			10/15/01		90 West St.	
			10/17/01	8:14 AM	West & Liberty	
			10/21/01	9:10 AM	Liberty st.	
			10/21/01	9:30 AM	90 West	
			10/21/01	4:00 PM	West St.	
		Cylinders Stored Together		# of Occurrence(s): 3		
			10/15/01		West St.	Grace
			10/16/01	10:05 PM	west of WTC 2	
			10/21/01	9:10 AM	Liberty St.	
		Improper Transport of Cylinders		# of Occurrence(s): 1		
			10/18/01	11:30 AM	West & Liberty	Rolling on ground
		No Cap on Container		# of Occurrence(s): 1		
			10/21/01	9:30 AM	90 West	
		No Caps on Cylinders		# of Occurrence(s): 1		
			10/21/01	8:00 PM	SW corner of site	
Dust	# of Hazard(s): 1					
		Debris Pile		# of Occurrence(s): 1		

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Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Bovis	Total # of Hazards:		79			
			10/19/01	8:07 AM	WTC #2	
	Dust Control	# of Hazard(s):		1		
		Debris Pile		# of Occurrence(s): 1		
			10/17/01	10:30 PM	WTC #2	
	Electrical	# of Hazard(s):		1		
		Improper Wiring		# of Occurrence(s): 1		
			10/17/01	3:30 AM	South of WTC #2	
	Eye/Face Protection	# of Hazard(s):		12		
		Cutting with Power Saw		# of Occurrence(s): 1		
			10/21/01	10:40 AM	200 Liberty	
		Debris Pile		# of Occurrence(s): 4		
			10/16/01	4:00 PM	WTC 3	
			10/16/01	10:15 PM	WTC 3	
			10/16/01	10:15 PM	WTC 3	
			10/17/01	6:55 AM	WTC #2	
		Oxy/Acetylene Cutting		# of Occurrence(s): 5		
			10/15/01	9:30 AM	Liberty & West	
			10/15/01	9:30 PM	Liberty & West	
			10/16/01		WTC 2	
			10/17/01	12:15 AM	WTC #1	
			10/17/01	8:40 PM	South of truck wash	
		Task Unknown		# of Occurrence(s): 1		
			10/15/01	8:10 AM	WTC 5	
		Using compressed air to clean		# of Occurrence(s): 1		
			10/17/01	3:20 PM	WTC 2	Grace Contracting
	Fall	# of Hazard(s):		2		
		Lifting employee on forklift		# of Occurrence(s): 1		
			10/20/01	8:40 PM	West St. in front of WTC 3	
		Not Tied Off		# of Occurrence(s): 1		

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Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Bovis						
	Total # of Hazards:		79			
			10/18/01	11:45 AM	West & Liberty	
	Fall Hazard		# of Hazard(s):		4	
		personnel Platform not tied off	# of Occurrence(s):		1	
			10/21/01	12:40 AM	Front of 90 West	
		Scaffolding	# of Occurrence(s):		1	
			10/17/01	1:30 PM	90 West	
		unguarded sewer hole	# of Occurrence(s):		1	
			10/17/01	4:30 AM	Vista Plaza	
		walking on crane lattice	# of Occurrence(s):		1	
			10/20/01	12:30 AM	Front of 90 West	
	Falling Glass		# of Hazard(s):		1	
		Glass Removal	# of Occurrence(s):		1	
			10/16/01	1:20 PM	WFC 2 & 3	
	Floor Openings		# of Hazard(s):		1	
		no covers	# of Occurrence(s):		1	
			10/16/01		WTC 2	
	Hard Hats		# of Hazard(s):		5	
		Debris Pile	# of Occurrence(s):		3	
			10/19/01	3:30 PM	WTC #3	
			10/19/01	4:15 PM	WTC #2	
			10/19/01	5:00 PM	WTC #3	
		Task Unknown	# of Occurrence(s):		2	
			10/15/01	8:10 AM	WTC 5	
			10/15/01	12:30 PM	S. of Marriot pile	
	Improper or Not using Respirator		# of Hazard(s):		3	
		Debris Pile	# of Occurrence(s):		2	
			10/16/01	4:00 PM	WTC 3	
			10/16/01	8:30 PM	WTC 3	
		Oxy/Acetylene Cutting	# of Occurrence(s):		1	

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Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Bovis	Total # of Hazards: 79					
			10/16/01		WTC 2	
	Improper Rigging	# of Hazard(s): 2				
	Broken sling	# of Occurrence(s): 1				
			10/21/01	6:00 PM	Ramp into plaza	used for basket
	Broken slings used	# of Occurrence(s): 1				
			10/15/01	6:00 PM	Near 1000 ton crane	
	lack of danger signage	# of Hazard(s): 1				
	lack of communication	# of Occurrence(s): 1				
			10/16/01	4:20 AM	WTC 2	
	Material Handling Equipment	# of Hazard(s): 1				
	Riding in Bucket	# of Occurrence(s): 1				
			10/16/01	9:45 PM	WTC 3	Grace Contracting
	Motor Vehicles	# of Hazard(s): 2				
	Exceeding speed limit	# of Occurrence(s): 1				
			10/21/01	9:30 PM	West St.	
	Fork lift running unattended	# of Occurrence(s): 1				
			10/15/01	2:55 AM	West St.	forks raised w/ engine on
	Personal Hygiene	# of Hazard(s): 1				
	Smoking	# of Occurrence(s): 1				
			10/19/01	8:09 AM	WTC #1	
	Personnel Platforms (Manbaskets)	# of Hazard(s): 5				
	Not Tied Off	# of Occurrence(s): 3				
			10/16/01		WTC 2	
			10/16/01		Mariott hotel	
			10/20/01	6:05 AM	Liberty & West	
	Overloaded manbasket	# of Occurrence(s): 1				
			10/15/01	1:30 AM	South Tower	
	working out of the basket	# of Occurrence(s): 1				
			10/16/01	4:10 PM	WTC 3	

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Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Bovis						
	Total # of Hazards:		79			
	Respirator; Improper or Not Using		# of Hazard(s):		2	
	Debris Pile		# of Occurrence(s): 1			
			10/20/01	4:00 PM	WTC #1 & 2	
	Oxy/Acetylene Cutting		# of Occurrence(s): 1			
			10/21/01	1:00 AM	Front of 90 West	
	Respirators		# of Hazard(s):		8	
	Debris Pile		# of Occurrence(s): 3			
			10/15/01	12:35 PM	West of WTC 3	
			10/15/01	7:30 PM	Next to hotel	
			10/18/01	7:15 PM	WTC 3	
	Machine Operator		# of Occurrence(s): 1			
			10/18/01	7:25 PM	WTC 3	
	Silica		# of Occurrence(s): 1			
			10/18/01	4:45 PM	130 Liberty	
	Task Unknown		# of Occurrence(s): 3			
			10/15/01	8:10 AM	WTC 5	
			10/18/01	4:30 PM	WTC 2	
			10/20/01	9:40 PM	Liberty	
	Struck by		# of Hazard(s):		1	
	Traffic flagman		# of Occurrence(s): 1			
			10/19/01	10:00 AM	West & Liberty	
	Trench		# of Hazard(s):		3	
	No ladder for trench		# of Occurrence(s): 1			
			10/15/01	9:30 PM	WTC 5	
	Shoring improper or none		# of Occurrence(s): 1			
			10/16/01	2:30 PM	Liberty & West Streets	
	Soil pile & Equipment near edge		# of Occurrence(s): 1			
			10/17/01	11:00 AM	Liberty & West	
	Unauthorized Riders		# of Hazard(s):		4	

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Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Bovis	Total # of Hazards:		79			
		Debris Pile		# of Occurrence(s): 1		
			10/17/01	3:45 AM	WTC #2	
		Riding in end loader		# of Occurrence(s): 1		
			10/15/01	9:45 PM	WTC 5	
		Riding on side of truck		# of Occurrence(s): 1		
			10/15/01	7:30 AM	WTC 5	
		Truck		# of Occurrence(s): 1		
			10/19/01	12:30 PM	West St.	
Welding	# of Hazard(s):		1			
		No fire retardant clothing		# of Occurrence(s): 1		
			10/16/01		WTC 2	
Working under loads	# of Hazard(s):		2			
		Debris Pile		# of Occurrence(s): 1		
			10/19/01	8:09 AM	WTC #1	
		Task Unknown		# of Occurrence(s): 1		
			10/18/01	1:30 AM	Washington & Liberty	

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Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Tully	Total # of Hazards: 83					
		# of Hazard(s): 0				
	Eating in Hot Zone	# of Occurrence(s): 1				
			10/15/01	3:50 PM	WTC 5	
	Back Up Alarm	# of Hazard(s): 2				
	Machine Operator	# of Occurrence(s): 1				
			10/15/01	8:10 AM	Church St.	
	Truck drivers	# of Occurrence(s): 1				
			10/15/01	9:44 AM	Church St. near blg 5	
	Barricades	# of Hazard(s): 1				
	Debris Pile	# of Occurrence(s): 1				
			10/16/01	4:00 PM	between WTC 2 & 4	pit protected by tape
	Compressed Gas Cylinders	# of Hazard(s): 12				
	broken regulator	# of Occurrence(s): 1				
			10/16/01	4:00 PM	WTC 4	
	Cylinder; Improper Storage	# of Occurrence(s): 1				
			10/17/01	7:59 AM	WTC #2 @ Liberty St.	
	Cylinders damaged/welded	# of Occurrence(s): 1				
			10/21/01	4:00 PM	Plaza WTC 4 & 5	regulator broke
	Cylinders not Secured	# of Occurrence(s): 1				
			10/16/01		Church/Liberty/Greenwich	
	Cylinders Stored Together	# of Occurrence(s): 3				
			10/15/01	8:50 AM	Church & Liberty	
			10/16/01		Church/Liberty/Greenwich	
			10/16/01	8:30 PM	WTC 4 & Liberty Street	
	Flashback Arrestors missing	# of Occurrence(s): 1				
			10/16/01	4:00 PM	WTC 4	
	Improper Transport of Cylinders	# of Occurrence(s): 2				
			10/15/01	2:45 PM	Tower 2	using end loader bucket to transport
			10/21/01	10:20 AM	WTC 1	
	No Caps on Cylinders	# of Occurrence(s): 1				

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Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Tully	Total # of Hazards: 83		10/16/01		Church/Liberty/Greenwich	
	Not stored upright			# of Occurrence(s): 1		
			10/21/01	4:00 PM	Plaza WTC 4 & 5	
Electrical	# of Hazard(s): 3					
	Exposed live parts			# of Occurrence(s): 1		
			10/21/01	7:00 PM	Liberty St.	open panel
	no cover on pump control boxes			# of Occurrence(s): 1		
			10/16/01		Liberty Street	
	No GFCI/ ungrounded cord			# of Occurrence(s): 1		
			10/16/01		Church/Liberty/Greenwich	
Excavation not protected	# of Hazard(s): 1					
	Working in excavation			# of Occurrence(s): 1		
			10/15/01	10:30 PM	S. Tower	10' deep excavation
Eye/Face Protection	# of Hazard(s): 10					
	cleaning air filters			# of Occurrence(s): 1		
			10/16/01	6:00 PM	Liberty Street	
	Debris Pile			# of Occurrence(s): 5		
			10/16/01		Church/Liberty/Greenwich	
			10/16/01	1:00 AM	Plaza between WTC 4 & 5	
			10/16/01	7:30 PM	WTC 3	
			10/17/01	8:11 AM	WTC #2	
			10/18/01	2:30 AM	Ramp between Blg 4 & 5	
	Oxy/Acetylene Cutting			# of Occurrence(s): 2		
			10/16/01	3:00 AM	Greenwich Street Wash Station	
			10/20/01	2:50 AM	Greenwich St.	
	Task Unknown			# of Occurrence(s): 2		
			10/18/01	1:39 AM	Near fire house 10	
			10/18/01	4:15 PM	4 WTC & Plaza	
Fall	# of Hazard(s): 3					

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Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Tully						
	Total # of Hazards:		83			
		Guardrails not erected		# of Occurrence(s): 1		
			10/17/01	3:32 PM	WTC 2	vertical shafts not guarded
		Holes in Road		# of Occurrence(s): 1		
			10/15/01	10:45 AM	West st near end	
		Not Tied Off		# of Occurrence(s): 1		
			10/16/01	1:00 PM	Liberty Street	
Fall Hazard						
	# of Hazard(s):		1			
		Guardrails not erected		# of Occurrence(s): 1		
			10/17/01	2:15 AM	S/W of WTC #2	
Hand Protection						
	# of Hazard(s):		1			
		Oxy/Acetylene Cutting		# of Occurrence(s): 1		
			10/16/01	8:50 AM	WTC 2	not wearing leathers
Hard Hats						
	# of Hazard(s):		8			
		Debris Pile		# of Occurrence(s): 4		
			10/15/01	11:00 AM	South east of S. Tower	
			10/18/01	2:30 AM	South of Blg 4	NYPD
			10/19/01	12:50 AM	WTC #5	
			10/19/01	4:10 PM	WTC #2	
		Debris Removal		# of Occurrence(s): 1		
			10/17/01	2:45 AM	WTC #4	
		Machine Operator		# of Occurrence(s): 1		
			10/16/01	3:00 AM	WTC 2	outside of cab
		Truck drivers		# of Occurrence(s): 1		
			10/18/01	4:10 AM	South of WTC 4	
		Walking in work area		# of Occurrence(s): 1		
			10/17/01	4:13 AM	South of WTC #4	
Hauling unstable load						
	# of Hazard(s):		1			
		Truck drivers		# of Occurrence(s): 1		
			10/15/01	2:15 PM	Ramp between blg 4 & 5	

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US Department of Labor/OSHA WTC Safety Intervention

grouped by sector, hazard, and tasks from 10/15/2001 to 10/21/2001

Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Tully	Total # of Hazards: 83					
	Improper or Not using Respirator	# of Hazard(s): 6				
	Debris Pile	# of Occurrence(s): 5				
		10/16/01			Church/Liberty/Greenwich	
		10/16/01	1:00 AM		plaza between WTC 4 & 5	employee would not comply
		10/16/01	7:30 PM		WTC 3	
		10/16/01	7:35 PM		WTC 3	Tully Engineers
		10/16/01	8:20 PM		WTC	
	Oxy/Acetylene Cutting	# of Occurrence(s): 1				
		10/16/01	8:50 AM		WTC 2	
	Material Handling Equipment	# of Hazard(s): 2				
	Improper leveling of machine	# of Occurrence(s): 1				
		10/16/01	4:50 AM		WTC 5	operator balancing machine on one track while collecting debris from lower level
	Seat belt not worn	# of Occurrence(s): 1				
		10/16/01	8:45 AM		WTC 2	
	Motor Vehicles	# of Hazard(s): 3				
	No reverse lights	# of Occurrence(s): 1				
		10/15/01	9:00 AM		WTC 5 church st.	
	no traffic control	# of Occurrence(s): 1				
		10/16/01	10:40 AM		Liberty Street	material hanging off trucks
	Task Unknown	# of Occurrence(s): 1				
		10/16/01	4:10 AM		130 Liberty	Rebar protruding from truck (10 ft) almost struck NYFD
	No spotters	# of Hazard(s): 1				
	Debris Pile	# of Occurrence(s): 1				
		10/16/01	9:15 AM		WTC 2 road	
	Open Sided Floors	# of Hazard(s): 2				
	No guardrail	# of Occurrence(s): 1				
		10/15/01	1:45 PM		Ramp between blg 4 & 5	
	Uncovered hole	# of Occurrence(s): 1				

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US Department of Labor/OSHA WTC Safety Intervention

grouped by sector, hazard, and tasks from 10/15/2001 to 10/21/2001

Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Tully	Total # of Hazards: 83		10/15/01	1:30 PM	West of WTC 4	
	Overhead hazards	# of Hazard(s): 1				
		Oxy/Acetylene Cutting	# of Occurrence(s): 1			
			10/18/01	5:00 PM	130 Liberty	
	Personnel Platforms (Manbaskets)	# of Hazard(s): 2				
		No safety line	# of Occurrence(s): 1			
			10/18/01	8:30 AM	Tower 2	
		Not Tied Off	# of Occurrence(s): 1			
			10/20/01	9:30 PM	Liberty & West	Koch
	Respirator; Improper or Not Using	# of Hazard(s): 3				
		Debris Pile	# of Occurrence(s): 3			
			10/17/01	4:13 AM	South of WTC #4	
			10/19/01	12:45 AM	WTC #5	
			10/20/01	1:40 PM	WTC #5	
	Respirators	# of Hazard(s): 6				
		Debris Pile	# of Occurrence(s): 3			
			10/18/01	1:00 AM	Plaza area	
			10/18/01	1:55 AM	Blg 7	
			10/18/01	2:30 AM	Ramp between Blg 4 & 5	
		Machine Operator	# of Occurrence(s): 1			
			10/15/01	5:00 PM	tower 2	
		Task Unknown	# of Occurrence(s): 1			
			10/18/01	4:15 PM	5 WTC & Plaza	
		Truck drivers	# of Occurrence(s): 1			
			10/18/01	4:10 AM	South of WTC 4	
	struck by	# of Hazard(s): 2				
		Cylinders; Not Secured	# of Occurrence(s): 1			
			10/20/01	3:00 AM	WTC #4	
		Working under load	# of Occurrence(s): 1			

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US Department of Labor/OSHA WTC Safety Intervention

grouped by sector, hazard, and tasks from 10/15/2001 to 10/21/2001

Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Tully	Total # of Hazards: 83		10/21/01	1:30 AM	WTC #4	
Trench	# of Hazard(s): 8					
	Guardrails not erected	# of Occurrence(s): 1	10/16/01		Church/Liberty/Greenwich	
	No egress from trench	# of Occurrence(s): 1	10/15/01	8:10 AM	Church St.	
	No ladder provided	# of Occurrence(s): 1	10/18/01	5:00 PM	Church St.	
	No shoring	# of Occurrence(s): 1	10/20/01	9:00 PM	WTC #1	
	No shoring or sloping	# of Occurrence(s): 2	10/15/01	7:30 PM	West of 130 Liberty	
			10/15/01	9:00 PM	WTC 4	
	Not properly shored	# of Occurrence(s): 1	10/18/01	12:45 AM	Near slurry wall	
	Soil pile at edge	# of Occurrence(s): 1	10/15/01	7:30 PM	West of 130 Liberty	
Unauthorized Riders	# of Hazard(s): 4					
	Riding in bucket of end loader	# of Occurrence(s): 1	10/15/01		Liberty	
	Riding in bucket of excavator	# of Occurrence(s): 1	10/15/01	3:10 AM	Building 4	
	Riding on Grapppler	# of Occurrence(s): 1	10/16/01	3:40 AM	Near collapsed subway	
	Riding side of backhoe	# of Occurrence(s): 1	10/15/01	2:30 PM	Church St.	

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US Department of Labor/OSHA WTC Safety Intervention

grouped by sector, hazard, and tasks from 10/15/2001 to 10/21/2001

Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Turner	Total # of Hazards: 94					
	# of Hazard(s): 0					
	Eating in Hot Zone			# of Occurrence(s): 1		
			10/15/01	9:15 AM	Blg 7	
	Employees Improperly Entering Area			# of Occurrence(s): 1		
			10/15/01	4:30 PM	Barclay between Greenwich & W. Broadway	
Back Up Alarm	# of Hazard(s): 1					
	Truck drivers			# of Occurrence(s): 1		
			10/21/01	7:50 AM	Greenwich & Barclay	
Compressed Gas Cylinders	# of Hazard(s): 15					
	Burning near stored oxygen			# of Occurrence(s): 1		
			10/15/01	1:15 PM	Building 7	
	Cylinders not Secured			# of Occurrence(s): 6		
			10/16/01	1:40 AM	WTC 7	
			10/17/01	1:00 AM	WTC 7	
			10/17/01	1:00 AM	WTC 7 - west side	Canron
			10/17/01	1:30 AM	West Broadway - WTC 7	
			10/18/01	1:30 AM	Blg 7	
			10/18/01	2:15 AM	WYC 7	
	Cylinders Stored Together			# of Occurrence(s): 3		
			10/15/01	1:50 PM	Murry & Barclay	
			10/17/01	5:50 PM	Greenwich & Barclay Streets	
			10/18/01	9:15 PM	Greenwich	
	Cylinders; Stored Together			# of Occurrence(s): 1		
			10/20/01	9:30 PM	Vessy St.	
	No shut off valve			# of Occurrence(s): 1		
			10/17/01	1:00 AM	WTC 7	
	Not stored upright			# of Occurrence(s): 2		
			10/15/01	8:35 AM	Blg 7	

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US Department of Labor/OSHA WTC Safety Intervention

grouped by sector, hazard, and tasks from 10/15/2001 to 10/21/2001

Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Turner	Total # of Hazards: 94					
			10/21/01	10:20 AM	Barclay St.	
	operating pressure above redline of gauge			# of Occurrence(s): 1		
			10/17/01	1:00 AM	WTC 7 - west side	Canron
Electrical		# of Hazard(s): 2				
	extension cord w/ exposed wires			# of Occurrence(s): 1		
			10/17/01	1:20 AM	Greenwich Street	
	Improper Wiring			# of Occurrence(s): 1		
			10/15/01	5:30 PM	Greenwich near Barclay	
Eye/Face Protection		# of Hazard(s): 14				
	Cutting with Power Saw			# of Occurrence(s): 2		
			10/18/01	10:59 AM		
			10/20/01	4:00 AM	Near Blg 7	
	Debris Pile			# of Occurrence(s): 8		
			10/16/01	3:45 PM	WTC 6	
			10/17/01	1:15 AM	WTC 7	
			10/17/01	1:50 AM	WTC 7	Canron
			10/17/01	5:00 PM	WTC 7	Seasons Superintendent - did not comply
			10/18/01	1:55 AM	Blg 7	
			10/18/01	5:40 PM	WTC 7	
			10/18/01	7:53 PM	WTC 7	Seasons
			10/19/01	4:50 PM	wtc #7	
	Oxy/Acetylene Cutting			# of Occurrence(s): 3		
			10/16/01	5:30 PM	Greenwich & Barclay	Seasons
			10/17/01	5:00 PM	Barclay & Greenwich	
			10/19/01	4:30 AM	South wesly side WTC 7	
	Task Unknown			# of Occurrence(s): 1		
			10/18/01	3:57 PM	East side of WTC 7	

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US Department of Labor/OSHA WTC Safety Intervention

grouped by sector, hazard, and tasks from 10/15/2001 to 10/21/2001

Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Turner	Total # of Hazards: 94					
	Fall	# of Hazard(s): 3				
		Open hole not covered	# of Occurrence(s): 1			
			10/15/01	10:30 PM	WTC 7	
		Using step ladder on frame scaffold	# of Occurrence(s): 1			
			10/15/01	4:30 PM	Church St. Scotio bank	
		Working on top of trailer	# of Occurrence(s): 1			
			10/21/01	8:40 AM	Near WTC 6	
	Fall Hazard	# of Hazard(s): 2				
		Platform Improper Rigging	# of Occurrence(s): 1			
			10/21/01	1:45 AM	WTC #8	
		Riding in Bucket	# of Occurrence(s): 1			
			10/20/01	4:10 AM	West Broadway	
	Fire extinguisher	# of Hazard(s): 1				
		Not Charged	# of Occurrence(s): 1			
			10/15/01	1:30 PM	Barclay & Greenwich	
	Fire Protection	# of Hazard(s): 1				
		Fueling generator while running	# of Occurrence(s): 1			
			10/17/01	9:35 PM	Greenwich & Barclay	Seasons
	Foot Protection	# of Hazard(s): 1				
		Debris Pile	# of Occurrence(s): 1			
			10/17/01	8:15 PM	WTC 7	
	Hard Hats	# of Hazard(s): 6				
		Debris Pile	# of Occurrence(s): 3			
			10/16/01	1:50 AM	WTC 7	
			10/17/01	10:10 PM	WTC 7	Bay Crane
			10/19/01	4:50 PM	WTC #7	
		Task Unknown	# of Occurrence(s): 1			
			10/20/01	5:00 PM	Vessey st & Washington Ave.	
		Truck Driver	# of Occurrence(s): 1			

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US Department of Labor/OSHA WTC Safety Intervention

grouped by sector, hazard, and tasks from 10/15/2001 to 10/21/2001

Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Turner	Total # of Hazards: 94		10/16/01	2:00 AM		
	Truck drivers	# of Occurrence(s): 1	10/21/01	10:50 AM	WTC 7	
Heavy Equipment		# of Hazard(s): 1				
	Swing Radius not Protected	# of Occurrence(s): 1	10/19/01	2:15 AM	Big 7	
Hoses not protected		# of Hazard(s): 1				
	Vehicles running over oxy/ act hoses	# of Occurrence(s): 1	10/15/01	5:00 PM	Corner of Vesey & W. Broadway	
Improper or Not using Respirator		# of Hazard(s): 8				
	Debris Pile	# of Occurrence(s): 6	10/16/01	1:50 AM	WTC 7	
			10/16/01	3:45 PM	WTC 6	
			10/17/01	1:50 AM	WTC 7	Canron
			10/17/01	4:40 AM	WTC 7 - west side	Canron
			10/17/01	5:04 PM	WTC 7	Seasons
			10/17/01	9:43 PM	WTC 7	Camron
	Debris Removal	# of Occurrence(s): 1	10/16/01	5:30 AM	WTC 7	excavator operator not wearing respirator
	Oxy/Acetylene Cutting	# of Occurrence(s): 1	10/17/01	2:05 AM	WTC 7	
Material Handling Equipment		# of Hazard(s): 2				
	Debris Pile	# of Occurrence(s): 1	10/16/01			No crash bars in front window of Bulldozer used for demolition and scrap removal
	No cage to protect windshield	# of Occurrence(s): 1	10/17/01	1:45 AM	WTC 7 - east side	

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US Department of Labor/OSHA WTC Safety Intervention

grouped by sector, hazard, and tasks from 10/15/2001 to 10/21/2001

Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Turner	Total # of Hazards: 94					
	Motor Vehicles	# of Hazard(s): 2				
		Reverse lights not working		# of Occurrence(s): 1		
			10/15/01	8:00 PM	Greenwich & Barclay	Bobcats
		Truck Traffic No Control		# of Occurrence(s): 1		
			10/17/01	10:50 AM	WTC #7	
	No fire extinguisher	# of Hazard(s): 1				
		Oxy/Acetylene Cutting		# of Occurrence(s): 1		
			10/15/01	8:21 PM	Near verizon building	
	Noise	# of Hazard(s): 1				
		Jack Hammering		# of Occurrence(s): 1		
			10/18/01	10:45 AM	Barclay St.	
	Open holes	# of Hazard(s): 1				
		Task Unknown		# of Occurrence(s): 1		
			10/19/01	4:00 AM	North side of WTC 7	
	Open Sided Floors	# of Hazard(s): 1				
		broken manhole		# of Occurrence(s): 1		
			10/15/01	10:25 AM	Barclay & Greenwich	
	Personal Hygiene	# of Hazard(s): 3				
		Eating in Hot Zone		# of Occurrence(s): 2		
			10/17/01	10:10 PM	WTC 7	Camron
			10/17/01	10:10 PM	WTC 7	Bay Crane
		Smoking		# of Occurrence(s): 1		
			10/17/01	10:10 PM	WTC 7	
	Personnel Platforms (Manbaskets)	# of Hazard(s): 4				
		Not Tied Off		# of Occurrence(s): 3		
			10/15/01	9:45 PM	Near Verizon Blg	
			10/16/01	4:35 AM	WTC 7	
			10/17/01	5:00 AM	WTC #7	
		Standing on Guardrail		# of Occurrence(s): 1		
			10/17/01	9:43 PM	WTC 7	Camron

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US Department of Labor/OSHA WTC Safety Intervention

grouped by sector, hazard, and tasks from 10/15/2001 to 10/21/2001

Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Turner	Total # of Hazards: 94					
	Reflective Vest not worn	# of Hazard(s): 1				
	Debris Pile	# of Occurrence(s): 1				
		10/16/01 7:30 AM	WTC 7			
	Respirator; Improper or Not Using	# of Hazard(s): 2				
	Debris Pile	# of Occurrence(s): 2				
		10/17/01 5:00 PM	Barkley & Greenwich			
		10/17/01 5:17 PM	WTC #7			
	Respirators	# of Hazard(s): 8				
	Debris Pile	# of Occurrence(s): 5				
		10/15/01 10:00 AM	Blg 7			
		10/15/01 9:25 PM	Near Verizon Blg			
		10/18/01 4:25 PM	Blg 2			
		10/18/01 5:40 PM	WTC 7			
		10/18/01 7:53 PM	WTC 7			Seasons
	Machine Operator	# of Occurrence(s): 1				
		10/15/01 10:30 AM	WTC 7			
	Oxy/Acetylene Cutting	# of Occurrence(s): 1				
		10/18/01 1:30 AM	Blg 7			
	Truck drivers	# of Occurrence(s): 1				
		10/19/01 3:40 AM	Northwest of Blg 7			
	Scaffold not erected properly	# of Hazard(s): 2				
	Inadequate guardrails	# of Occurrence(s): 1				
		10/15/01 7:00 PM	Truck wash station			
	Not fully planked	# of Occurrence(s): 1				
		10/15/01 2:05 PM	Barclay & Church St.			
	Scaffolding	# of Hazard(s): 1				
	damaged crossbracing	# of Occurrence(s): 1				
		10/17/01 12:00 AM	West Street - North Truck Wash			
	Slings	# of Hazard(s): 1				

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US Department of Labor/OSHA WTC Safety Intervention

grouped by sector, hazard, and tasks from 10/15/2001 to 10/21/2001

Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Turner	Total # of Hazards: 94					
		Personnel Platform Improper Rigging		# of Occurrence(s): 1		
			10/19/01	7:30 AM	WTC #7	
	Trench	# of Hazard(s): 1				
		Guardrails not erected		# of Occurrence(s): 1		
			10/16/01	11:18 AM	WTC 7	Seasons - they state that Verizon opened up holes and people are looking into holes without any barriers erected. They state that they have no jurisdiction. Heavy equipment operating within 10'
	Unauthorized Riders	# of Hazard(s): 3				
		Riding in Bucket		# of Occurrence(s): 1		
			10/16/01	7:37 PM	Greenwich & Barclay	Seasons
		Riding on backhoe		# of Occurrence(s): 1		
			10/15/01		Liberty & Greenwich	
		Riding on Running Board of truck		# of Occurrence(s): 1		
			10/16/01	5:50 PM	Greenwich & Barclay	Seasons
	Working under debris removal	# of Hazard(s): 1				
		Oxy/Acetylene Cutting		# of Occurrence(s): 1		
			10/16/01	1:44 PM	WTC 7	Seasons
	Working under loads	# of Hazard(s): 3				
		Debris Pile		# of Occurrence(s): 3		
			10/19/01	4:50 AM	North side of WTC #7	
			10/19/01	7:30 AM	North WTC #7	
			10/19/01	1:50 PM	WTC #7	

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US Department of Labor/OSHA WTC Safety Intervention

grouped by sector, hazard, and tasks from 10/15/2001 to 10/21/2001

Sector	Type of Hazard	Type of Task	Date	Time	Location	Comments
Weeks Marine	Total # of Hazards: 1					
	Motor Vehicles	# of Hazard(s): 1				
		Exceeding speed limit	# of Occurrence(s): 1			
			10/15/01	8:30 PM	Pier 6 1 south st.	

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