



HUMAN RESOURCES DEPARTMENT SAFETY AND INDUSTRIAL HYGIENE UNIT	SUBJET: CHECKLIST FOR CONCRETE AND MASONRY CONSTRUCTIONS	REVISIÓN A	PÁGE 1 OF 3
TO USE WITH STANDARD 2600SEG139, Safety Standard for Concrete and Masonry Constructions		REVISION DATE 3-Apr-06	EFFECTIVE DATE: 3-Apr-06

Area	Checklist	2600SEG139	Check (√ or NA)
GENERAL	The building of reinforced concrete structures and other structures in high places shall be based on blueprints that:	6.1.1	
	a) Indicate the characteristics with regard to steel structures, concrete, and any other material, as well as the technical procedures that will be adapted to handle and place them in position under safe conditions.	6.1.1	
	b) Indicate the type, resistance, and disposition of the elements that will carry the load and the calculation of resistances for structures or heavy frameworks.	6.1.1	
	Are employees banned from working on any reinforced steel that protrudes vertically, unless such steel is guarded?	6.1.3	
	Are individuals banned from remaining behind or over post-tensioning equipment and the area shall be isolated with adequately marked barriers?	6.1.4	
	Is it prohibited to ride on concrete buckets or stand under them while they hang from cranes and cableways?	6.1.6	
	Are employees working more than 2 meters above any adjacent work surface, such as placing and strengthening reinforcement steel in walls, pillars, and columns, equipped with means to protect themselves against falls?	6.1.8	
REQUIREMENTS FOR EQUIPMENT AND TOOLS	Are concrete mixers with one or two yard loading skips equipped with a mechanical device to clear the skip of materials?	6.2.1	
	Are one or more yard mixers equipped with guardrails on each side of the skip?	6.2.2	
	Are the ends of the joints in concrete vibrators protected?	6.2.6	
	Are bull float handles made of an insulated material?	6.2.7	
	Is lockout and tagout procedures being used to repair equipment ?	6.2.8	



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Area	Checklist	2600SEG139	Check (√ or NA)
FORMWORK AND SHORING	Are the drawings and plans for the jack layout, formwork, shoring, decks, and scaffolds available at the jobsite?	6.3.2	
	Is the shoring equipment installed prior to, during and immediately after concrete placement being inspected? Damaged shoring equipment shall be reinforced or reshored immediately.	6.3.4	
	Are the base plates, shore heads, extension devices and adjustment screws in firm contact with the foundation and the form?	6.3.6	
	Are wire mesh rolls secured at each end to prevent it from recoiling?	6.3.10	
	Forms and shores shall not be removed until authorized by a competent person after proving that the concrete has gained sufficient strength to support its weight and any superimposed load applied to it.	6.3.12	
VERTICAL SLIP FORMS	Are steel rods or pipes of hydraulic jacks or other means to lift formwork designed for such purpose?	6.4.1	
	Are hydraulic jacks or vertical supports positioned in such a manner that they do not exceed their rated capacity?	6.4.2	
	Do hydraulic jacks or other lifting devices have other automatic devices to support the slip forms whenever failure of the power supply or lifting mechanism occurs?	6.4.3	
	All vertical slip forms shall be provided with scaffolds or work platforms completely surrounding the work area.	6.4.5	
MASONRY	A limited access zone must be established whenever a masonry wall is constructed.	6.5.1	



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Area	Checklist	2600SEG139	Check (√ or NA)
	Is the limited access zone equal to the height of the wall to be constructed plus 1.2 meters ( 4 ft.) , and does it run the entire length of the wall?	6.5.3	
	A limited access zone shall be established on the side of the unscaffolded wall.	6.5.4	
	Is the limited access zone restricted to entry by employees actively engaged in constructing the wall? No other employees shall be permitted to enter the zone.	6.5.5	
	The limited access zone shall remain in place until the wall is adequately supported to prevent overturning and to prevent collapse.	6.5.6	
ORDER, CLEANLINESS, AND PERSONAL PROTECTIVE EQUIPMENT	Are lumber forms and scrap lumber with protruding nails and all other debris cleared from work areas?	6.6.1	
	Is debris such as galvanized material, solvents, paints, brushes, rags, scrap lumber, and metallic materials stored in a single place so that they will not affect the environment?	6.6.2	
	Containers with lids shall be provided for the collection and separation of waste, trash, oily and used rags, flammable and caustics substances, acids, and harmful dusts. Such waste must be removed at frequent and regular intervals.	6.6.3	
	Is the personal protective equipment ready for its immediate use? Workers must use and care for the personal protective equipment that is delivered to them, as well as wear adequate clothing for each type of work.	6.6.4	