

# Construction Safety in México



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# Industrial Activity in México

- The industrial production in México grown in real terms 5% in the 9th month of 2006 with regarding the same period in 2005, due to the good performance that shown all sectors.
- The construction Industry sector a raise 7.7 %, electricity and gas generation 6.7%, factory industry raise 4.4%, mining industry more than 1.9%.



Source: INEGI, November 14, 2006

# Industry classification according with the risk involved

- Type and Medial Premium in percents

I	0.54355
II	1.13065
III	2.59840
IV	4.65325
V	7.58875

# Industrial Sector with more accidents and work Illness, 2001-2005

INDUSTRIAL SECTOR	2001		2002		2003		2004	
	CASES	%	CASES	%	CASES	%	CASES	%
Infrastructure construction in public work	19,509	5.9	17,442	5.7	17,230	6.0	18,910	6.5
Supermarkets, auto services and department store.	14,474	4.4	14,406	4.7	14,459	5.0	15,908	5.5
Building construction; except public work.	13,639	4.1	10,611	3.5	9,419	3.3	8,808	3.0
Professional services.	12,488	3.8	13,448	4.4	12,855	4.5	14,858	5.1
Food services.	11,775	3.6	12,930	4.2	12,718	4.4	13,154	4.5
Food, drinks and tabacco distribution	11,395	3.5	11,371	3.7	11,191	3.9	11,540	4.0

Source: Health in the work coordination, IMSS.

# Industrial Sector with more accidents and Fatalities, 2005

Sector	Work accidents		Permanent incapacity by work accident		Fatalities related to the work	
	Cases	Per each 100 workers	Cases	Per each 100 workers	Cases	Per each 100 workers
<b>T o t a l (N a t i o n a l)</b>	<b>295594</b>	<b>2.3</b>	<b>11578</b>	<b>0.9</b>	<b>1109</b>	<b>0.9</b>
<b>Building and Construction</b>	<b>27670</b>	<b>3.3</b>	<b>1313</b>	<b>1.6</b>	<b>192</b>	<b>2.3</b>
<b>Supermarkets, auto services and department store.</b>	<b>16666</b>	<b>3.7</b>	<b>277</b>	<b>0.6</b>	<b>7</b>	<b>0.2</b>
<b>Food manufacturing</b>	<b>15174</b>	<b>3</b>	<b>792</b>	<b>1.6</b>	<b>47</b>	<b>0.9</b>
<b>Drink and food services</b>	<b>13658</b>	<b>3.1</b>	<b>244</b>	<b>0.6</b>	<b>22</b>	<b>0.5</b>
<b>Metallic products manufacturing</b>	<b>12324</b>	<b>3.9</b>	<b>864</b>	<b>2.8</b>	<b>36</b>	<b>1.1</b>
<b>Transportation (land)</b>	<b>10492</b>	<b>2.8</b>	<b>631</b>	<b>1.7</b>	<b>155</b>	<b>4.1</b>
<b>Rubber and plastic products manufacturing</b>	<b>7322</b>	<b>3.3</b>	<b>405</b>	<b>1.8</b>	<b>6</b>	<b>0.3</b>

Source: Health in the work coordination, IMSS.

# Mexican Safety Regulation

- Mexican Politic Constitution, establish the labor rights and set the basis for the safety work.
- Labor federal Law, establish the employer responsibility to provide a safe job environment for the employees.
- Federal regulation of safety, hygiene and work environmental, establish the safety regulations according with the development and needs for the country.
- Mexican official standards, 38 standards



# Practices and customs in the Mexican Construction

- The nature of this job is development in a hazardous environment for this reason is consider as on of the most dangerous activities.
- The work facilities are temporaries.
- The employees are temporary.
- Enough companies working together (contracts)



- Some employees has not experience in the job and has not received training.
- There are not specific regulations for the construction activities.
- Labor office carried out safety inspections but there are not a data base updated to know where are the construction places.





# Best Safety Practices



- Safety Induction for new employees.
- Couching period for the new employees.
- Legal compliance by local programs.
- Adopted Foreign and International standards as guidelines.
- HSE performance review by customers in the bids.
- Contractual option included as Clause in the contracts.
- HSE management systems as contract requirement.
- Month safe employee and BBS.



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