

Labor Accident Prevention In Construction Industry The Case of the Permanent Regional Committee Experience in Piracicaba-Brazil



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COMITÊ PERMANENTE REGIONAL SOBRE CONDIÇÕES E MEIO AMBIENTE DE TRABALHO NA INDÚSTRIA DA CONSTRUÇÃO DE PIRACICABA E REGIÃO











INTRODUCTION Work accidents: Complex phenomena and Multi-causes

WA: principal death event among the Brazilian workers in the exercise of their labor

WA: full productive phase - corrosive repercussions in the quality of life and the Brazilian economy:

- -structural unemployment;
- -precaurious conditions;
- -degradation in the relation between man and nature

BRAZIL: MULTIPLE SITUATIONS OF WORK IN DIFFERENT TECHNOLOGICAL AREAS

•Different contract forms, of organization, and management - they reflect on the living way, deasease and dying of the workers - economy grew up 3 times in the last 3 decades, grave social differences - economical and political conjunctures of the country. (VILELA, 2003).

•WA has raised onus for all society - damages to the productive forces (death and mutilation) - payment of retiring and social security benefits (CORDEIRO, 2002).

•WA - visible face of process of consuming and destruction of the parcel of the force of work in the capitalist system.

CHALLENGE OF THE SOCIETY AND PUBLIC INSTITUTIONS:

Prevention and reduction of WA

Improvement of politics of vigilance in health of the worker

Emphasis: prevention and promotion of the health
through articulation of initiatives among institu-

tions (VILELA, 2002).

•Concepts: UNSAFE ACT - UNSAFE CONDITION (human being fails – material fails) - they finish for discharging: inquiry of the causes and prevention (ALMEIDA, 1995).









REGIONAL PERMANENT COMMITTEE ON CONDITIONS AND ENVIRONMENT OF THE WORK IN THE INDUSTRY OF THE CONSTRUCTION (CPR)

- •To function as one permanent forum of discussion among workers, employers and government, of tri-part form.
- •To search alternatives of advances in the work relations objectifying the update and alteration of the NR18 (WM-3214/78)considering the regional peculiarities.
- •NR-18 (reformulated in 1995) National Permanent Committee (CPN) and of Regional Permanent Committee (CPR) on Conditions and Environment of the Work in the Industry of the Construction.

ORGANIZATION OF WORK IN THE SECTOR OF THE CONSTRUCTION INDUSTRY:

- •Raised participation in the PIB (=GIP =) 18.33% (considering the macro sector, since subsectors of materials of construction to the real estate activities and maintenance) (DIEESE, 2007)
- •Precariousness; Unemployment; High Rotation; Low degree of school; Low wages; Informality (FETICOM -2005) the Industry of Construction presents characteristics that differentiate from other industries:
 - -It operates under intense pressure of time and costs;
 - -Intensive employ of hand labor;
 - -Transitoriness of processes and installations;
 - -Little investment in Health and Security in the Work (S.S.T.) and professional formation;
 - -Low quality of life in the working place.

STATISTICS Coefficient of Mortality (HEALTH DEPARTMENT, 2005)

OBJECTIVE:

SPECIFIC OBJECTIVES:

•To implement improvements in the Conditions and Environment of the Work in the Industry of

METHOD:

•To contribute for the diffusion and exchange of experiences of the CPR, while Forum Inter-

•To acquire knowledge of employers, professional workers, government, associations and

other institutions, in the promotion of the health of the worker of the civil construction.

•Documental analysis (reports, booklts of qualification courses, newspaper articles).

•To analyze the experience and the history of implantation of the CPR-Piracicaba.

Finland: 2,1 (2001), France: 4,4 (2000), Canada: 7,2 (2002), Spain: 8,3 (2003)

Brazil 14,84 per 100.000 workers (average coef.-1999 to 2003 – two to seven times higher)

PEA of Brazil: 82.902.480 - Only: 22,9 million registered formally

Semi-structured interviews to the members of the CPR-Piracicaba.

BRAZIL: Industry of Construction: 2.11% (Agriculture, Cattle, Forestry: 1.70%)

SÃO PAULO-State: 2.59% (average of 1,97%)

•Workers Group SIMTICOMPI, FETICOM

CEREST, INSS, PST S. Maria da Serra

Emplyers Group SECONCI and SINDUSCON

PIRACICABA: 12% of incidence in formal sector - 5% informal sector - immediate causes: -machines with 35%

CPR – PIRACICABA: BEGINNING OF AUGUST -2003 PARTICIPATION:

•Government Group Ministry of the Work, FUNDACENTRO, Municipal Government -

- -object fall: 12%
- -height fall: 11%
- -accident with vehicle: 10%
- -effort: 8%

institutional;

the Construction in Piracicaba;

HYPOTHESIS:

Prevention Work Accident:

Necessity of structural changes in the functioning of the sector and the society **Changes:**

CPR IS AN ARTICULATOR FORUM OF THE ENTITIES OF THE CIVIL SOCIETY AND THE PUBLIC POWER

MAGRINI (1999) – Tri-part Dialogue - employees, employers and government participate in the discussion of the subjects and get in the execution of concrete measures.

LIMA (2004): Difficulties in the tri-part discussion process:

- -Participation and commitment of groups;
- Absence of work plan (at the work place);
- Relationship CPRs x CPN.

•Technical Support: COMSEPRE, AEAP, SENAC.

- •Vulnerability of the organization and the work force in the civil construction - (Unemployment, high rotation, low wages, nourishment, education; high taxation)
- •Precariousness (Informality, sub-contracting);

Regional Permanent committee:

- Structural Changes of the sector and in the society;
- . Technical discussions;
- Relevance multi-institutional agency in the promotion of preventive actions.

RECOMMENDATIONS

Studies of ergonomics:

- •To deepen the understanding of the determinative ones of Work accident In the CC;
- •To disclose the constaints that weigh in the real work of these laborers;
- •To demystify speeches "inadequate" behavior of the workers in the cause of working accidents.

CPR ACTIONS:

•AWARENESS OF MANUFACTURERS, EQUIPMENT RENTAL

(truss and elevators) - improvements in relation to the measures of security - CPR-SP (sizing, components and accessories of the truss).

•CAMPAIGNS OF MEDIA AND EVENTS: Orientation on safety in the CC (workers, society); update of members of the committee in National Meeting and Congresses

•CLAIM TO the SCHOOLS (elementary, secondary school, technical and college) - inclusion of credits related to safety.

•PUBLIC POLITICS: Partnerships with the Municipality, State and

Federal government
•QUALIFICATION COURSES: partnership with Fundacentro and Fe-

•PERFORMANCE TO THE COMPANIES: awareness of manufacturers and equipment rentals (truss and elevators)