

The Effect of Work System and Workplace Hazards on Employee's Behaviour

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Abstract

Information and Communication Technology (ICT) stands out as a major driver of the modern age. Its espousal in virtually every sector of the economy led to a paradigm shift from conventional way of work arrangement to a new form of work system, workplace hazards as well as employee's behavior across the globe. This study examined the effect of work system and workplace hazards on employee's behaviour. It aimed at addressing the issue of how work can be structured in order to reduce workplace hazards and produce affirmative employee's work behavior. The study adopted survey research method. Participants in the study were 120 staffs of Nigerian Eagle Flourmill, Ibadan who were selected through stratified and simple random sampling techniques. Data were collected via responses elicited using the questionnaire instrument. Results show that there is a significant relationship between work system, workplace hazards and employees behaviour. The findings were discussed with reference to relevant empirical literatures, and with recommendations for management of organizations both for practice and future research highlighted.

Index terms— work system, workplace hazard, employees, behaviour, organization.

1 Introduction

Industrial sociologists and management theorists have, for several years, been concerned with how best work activities can be structured in order to produce safe working environment and affirmative employee's behavior; however, there appears to be no agreement among scholars of these disciplines. For example, Frederick Taylor's Scientific Management sought to resolve these problems from managerial perspectives and argued that man is naturally lazy, selfish and dislikes work hence; he affirmed that work activities should be designed through the application of scientific work processes (Adesina, 2005). In contrast to Taylor's assertion, McGregor's theory (Y) describes man as one who sees work as a play (Onyeonoru, 2005). In spite of the discrepancies, work is still the precondition for human development, family sustenance and nation's building. It explicitly emphasized the importance of work in the life of human beings when he states that in all human societies, no matter how small, the members must produce goods and services in order, at least, to survive-quench thirst, satisfy hunger pangs and provide life.

Information and Communication Technology (ICT) stands out as a major driver of the modern age. Its espousal in virtually every sector of the economy led to a paradigm shift from conventional way of work arrangement to a new form of hazards as well as employee's This study examined the effect of work system and workplace hazards on employee's It aimed at addressing the issue of how work can structured in order to reduce workplace hazards and produce affirmative employee's work behavior. The study Participants in the study were 120 staffs of Nigerian Eagle Flourmill, Ibadan who were selected through stratified and simple random sampling and via responses elicited using the questionnaire instrument. Results show that there is a significant relationship between work system, workplace hazards and employees behaviour. The findings were discussed with reference to relevant empirical literatures, and with recommendations for management of organizations both work system, workplace hazard,

employees, industrial sociologists and management theorists have, for several years, been concerned with how best work activities can be structured in order to produce safe working environment and affirmative employee's behavior; however, there appears to be no ent among scholars of these disciplines. For Scientific Management sought to resolve these problems from managerial perspectives and argued that man is naturally lazy, selfish and dislikes work hence; he affirmed that work activities should be designed through the application of scientific work processes (Adesina, 2005). In sharp contrast to Taylor's assertion, McGregor's theory (Y) describes man as one who sees work as a play (Onyeonoru, 2005). In spite of the discrepancies, work is still the precondition for human development, family sustenance and nation's building. Otobo (2000) explicitly emphasized the importance of work in the life of human beings when he states that in all human the members must produce goods and services in order, at least, to ngs and provide shelter. He therefore concluded that every aspect of work activities should be structured toward attaining the overall organizational effectiveness and profitability.

According to Adler, work structure which could also be referred to as 'work system' is the process of division of labour, monitoring tasks to be performed, deciding who to perform them and how they are to be performed in the process of making a product or providing services to internal or external customers (Alter, 2006). Evidently, some scholars have shown that many work organization are moving to new form of work structuring, often made possible by the improvement in information and communication technologies (Landsbergis, 2003;Alter 2006;Swaen, et al. 2004). This new form of work structuring involve the introduction of combined jobs, multi-tasking, teams, telecommuting, electronic performance monitoring, use of casual workers, contract workers and alternative work schedules in work organization with very little attention to it potential to hurt workers (Smith, et al. 199 2002;Swaen, et al, 2004) In this kind of work structuring workers experience intensification of work load leading to working faster and harder (Landsbergis, 2003;Swaen, et al. 2004) which may lead to increasing stress on the job, ill-health with low control over the work, and higher job demands. For instance, majority of the work organizations (public and private) in U.S have undergone massive changes in the way which work activity is organized. The introduction of computers in every sector of the economy has change in conventional work arrangement. One of the measures of change in the U.S is the number of hours that workers spend on their jobs. Affirming this, Van der Hulst (2003) reported that there has been steady increase in number of hours worked in United States over the past decades. In his report, he emphasized that American workers work more hours than workers in any other major industrialized country. Corroborating this, Dembe, Erickson, Delbos, and Banks, (2005) observed that the overtime hours, and mandatory overtime, have equally risen in the United States.

Also, in developing countries Linda, Mark and Marilyn (2006) and Kiwekete (2010) observed that new work structure is increasingly emanating in many workplaces which have led to workers abilities and job demands, adverse working nd Workplace Employee's Behaviour shelter. He therefore concluded that every aspect of work activities should be structured toward attaining the organizational effectiveness and profitability.

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2 Literature Review a) Work System

System is the set of things working together as part of a mechanism or interconnecting network which activities are coordinated toward achieving a purpose. Each part can affect the way other parts work and the way all parts work together will determines how well the system works (Alter, 2006; ??desina 2005).

In organizational settings, system encompasses the interaction of human, information, physical, and other resources to produce goods and services for internal or external customers. According to Wayne (2002), work system is the creation of series of tasks by which organizational work load can be performed and carried out as required. These tasks may include purchasing materials, selling services, hiring employees, responding to customers etc. Rask and Johansson (2008) emphasized the importance of work systems in any organization by asserting that organization who wishes to attain its mission and vision successfully must have functioning work systems that allow employees to work effectively. Thus, it is a vital tool for enhancing workers effectiveness and organizational performance. More so, Steijn (2001) in his writing noted that work system allows everyday tasks to operate in a coordinated manner as well as providing the basic framework to produce services and products realistically. Steijn identified three common types of work system in work organization, which includes; the

traditional system (Tayloristic), sociotechnical system and lean teamwork which are briefly discussed below. b) Types of work system i.

Traditional system (Tayloristic)

The Tayloristic system (TS) was introduced in the early 20 th century; it insures all work being done in accordance with the principles of scientific management (SM)” and finally ”division of work and shared responsibility between management and workman”. In tayloristic system each worker is expected to have well defined work task, which formed the base for workers training as well as feedback on performance and pay according to measured output (Taylor, 1911). The work is expected to be horizontally divided to the level of an individual worker, while further division of work and shorter work cycles is not included.

Today, many work organization adopts this approach in order to keep work systems under control and to reduce uncertainties connected with work activities however, they are often faced with the challenges of complex organization’s environment which may jeopardize the effectiveness of the whole system (Adesina, 2005; Rask and Johansson 2008). Nevertheless, organization theorists and work scientists have established clearly that tayloristic work system have more negative effects on organizational effectiveness than other forms of work system design-it prescribe work processes in miniscule detail and spending much effort on supervising the adherence to prescribed procedures which in most cases difficult for both workers and managers to follow hitherto (Steijn 2001;Alter 2006; ??rote 2004;Pruijt, 2003). c) Sociotechnical system Sociotechnical system (STS) was developed by F. Emery, E. L. Trist and others at Tavistock Institute during the 1950s and onward in opposition to the tayloristic work systems. The approach viewed work organization as a system with two integrated parts social system (people) and technical (technology). It proposes that the two parts must be considered concurrently in order to create settings for successful organizational performance. In creating the atmosphere for effective organizational performance, STS drew the attention to team work that operates within a production or service delivery process in work organization.

More so, STS promotes limited horizontal division of work (integration) following the assertion that while fractionation (or segregation) has a positive effect on cost at lower degrees, the effect is the opposite at higher degrees of fractionation ??Emery, 2009). Thus, STS stresses the importance of giving the group and the individual worker control over the work tasks (Rask and Johansson 2008). Also, it disagrees with the rational system perspective that believe in standardizing and routinizing work demands in order to enhance work performance while it support the view that work system should focus on social and psychological aspects of work and job characteristics required (Chryssolouris, Year () Pruijt, 2003). In situations of high uncertainty, socio-technical approach emphasizes the reduction of jobs to simple tasks that workers can be quickly trained and replaced if necessary, put workers in roles rather than jobs by training workers for multiple roles and allow them to be self-regulating (Rask and Johansson, 2008).1 2006;

3 d) Lean teamwork

Lean production (LP) is an overall approach to work organization that focuses on elimination of any ”waste” in the production or service delivery process (Womack and Jones, 2003). The functioning of lean teamwork is however performed in complex environments with heritage and long experience from tayloristic and sociotechnical production systems. For instance, major auto companies like Ford has its Ford Production System, Chrysler has its Chrysler Operating System, GM has its textbook of the manufacturing practices of Lean Manufacturing as well as other sectors in Canada are moving to lean production to cut production cost and to enhance competitiveness (Womack and Jones, 2003). Commenting on enterprise restructuring and work organization, Rask and Johansson (2008) observed that Toyota production system which includes the ”continuous improvement”, ”just-in-time production”, and ”work teams” has been widely conceived as route to world class manufacturing in recent times. The three elements of lean production are briefly examined below: ? Continuous Improvement: A process for continually increasing productivity and efficiency, often relying on information provided by employee involvement groups or teams. Generally involves standardizing the work process and eliminating micro-breaks or any ”wasted” time spent not producing/serving. ? Just-in-Time Production: Limiting or eliminating inventories, including work-in-progress inventories, using single piece production techniques often linked with efforts to eliminate ”waste” in the production process, including any activity that does not add value to the product.

? Work Teams: Work teams operate within a production or service delivery process, taking responsibility for completing whole segments of work product. Another type of team meets separately from the production process to ”harvest” the knowledge of the workforce and generate, develop and implement ideas on how to improve quality, production, and efficiency.

4 e) Work-Related Hazards

According to World Health Organization (2002) hazard is any source of potential damage, harm or adverse health effects on something or someone under certain conditions. However, once a hazard becomes ”active”, it creates urgent or emergency situation in the place of its occurrence. Hazard can occur from natural process, man-made activity related hazard, deadly forces or retribution (Bello 2010;Kalejaiye 2013). However, work-related hazard is the concern here.

Bello (2010) defined work-related hazard as the risk to the health of a person usually arising out of employment. It is also refers to as occupational, material, substance, process or situation that predisposes or itself causes accidents or disease at work place. Workplace hazards are brought about by "unsafe work conditions" and "unsafe work behaviors" (Kalejaiye, 2013). However, workplace hazards or injuries are preventable with the use of appropriate occupational safety and health services (Igor 1998 (Kalejaiye, 2013). The number of workers affected by work-related hazards and diseases continue to increase as more workers are employed to work in factory of obsolete machines with safety guards removed and companies simply cut corners on safety (Afolabi, Fajemonyomi, Jinadu and Bogunjoko, 1993). Accordingly, Kalejaiye (2013) submitted that there has been annual mortality rate of 1, 249 per 100, 000 workers in Nigeria in past decades. Corroborating this, National Institute for Occupational Safety and Health (2002) reported that over 200 deaths occur in Nigerian work place while about 50 million workers are exposed to workplace fatalities (i.e. high enough to disable them) annually. More finding revealed that no fewer than 400 workers have lost their lives in the powder sector in the last two years while over 100 cases of work-related accidents occurred in the maritime sector with over ten deaths, numerous incapacitations and innumerable serious body injuries (Bello, 2010). This is an astronomical figure that remains completely below the radar and the real gravity of the situation more often than not goes unrecorded. Another is the fire incident that razed a plastic factory in Ikorodu, Lagos in 2002 where many workers were roasted to death at night when the owners of the company locked the workers in the factory and went to sleep.

Furthermore, Bello (2010) revealed that mill operators suffers high rate 83% of upper limb, back and lower injuries when moving planks of wood into the machines (Bello 2010). Also, Adebisi et al. (2005) estimated the cost of accidents in agro-allied industries in Southwestern Nigeria at 87.89 million dollars annually. In addition, Nigerian Institute of Safety Professionals (2000) reported that overall 11,000 people were injured due to on-the-job accidents each year in chemical industry alone in Nigeria. In many workplaces hazard victims band their families receive little or no compensation which put them in a more vulnerable position in the society (Kalejaiye, 2013). Consequently, employees develop counter-productive work behavior like absenteeism, violence, indolence and redundancy which in a way affect their productivity and effectiveness. Thus, managers should treat employees well and provide adequate compensation for workers in the best interest of the organization (Fagbougbe et., al 2012).

5 g) Concept of Behaviour

Behaviour is the actions or reactions of a person or animal in response to external or internal stimuli; conduct; manners or deportment, especially good manners; general course of life; treatment of others; manner of action; the activity of an organism, especially as measurable for its effects; response to stimulus; the functioning, response or activity of an object or substance."

Behaviour reflects a person's likes and dislikes towards other persons, objects, events and activities in their environment. It can be social in nature (for the good of the community) or anti-social in nature (unacceptable to the community), as in the manner of conducting oneself according to social norms (or not). Social behavior constitutes any act that has benefit to others in the family or community. It engender worldwide goodwill, peace, and total love for all people regardless of gender, race, colour, religion, social status, sexual orientation, disability, national or social origin, political or other opinion, or condition. While anti-social behavior is behavior that is unacceptable to other people (the community), behavior that violates another person's right not to be adversely affected in some way. Such behavior includes arrogant, bullying, betrayal, harassment, and sarcasm which may therefore be defined as violence.

Furthermore, it is important to know about employee's behaviour because it affects their approach toward work system, management strategies, remuneration, benefits, hazards, promotion or anything that might generate positive or negative reactions (Driskill and Brenton, 2005). Employees behaviour can be classified into internalisers and externalisers (Driskill and Brenton, 2005). The internalisers are more attracted to work situations than externalisers who are more likely to become emotional (have a meltdown) on the job, because they have a lower tolerance for job-induced frustration (My boss or my co-workers should handle it!). An employee (in his self-absorption) who is prone to outbursts may not realize that his behaviour makes others very uncomfortable, and therefore he ignores risks to his effectiveness in the short term and to his career in the long term (Driskill and Brenton, 2005). Internalisers are more trusting and dismiss job failure and frustration more readily: perhaps they are more resilient than externalisers in this regard. More so, they prefer leaders who let them participate, and they are sensitive to organizational attempts to influence their thinking and behaviour. Thus, one of the key targets of managers should be to make connection between employee behaviour and their performance (Seijts and Crim 2006; Lynn et al., 1990). h) Theoretical framework i.

Affective events theory Affective events theory (AET) is a model developed by Weiss and Cropanzano (1996) to discover how emotions and moods influence job performance and job satisfaction. AET proposes that organizational events are proximal causes of effective reactions. By implication, "things happen to people in work setting and people often react emotionally to these events (Weiss & Cropanzano, 1996). It suggested a hypothesized relationship between moment-to-moment emotions and outcomes such as effectiveness of work system, effect of work-related hazards and employee's reaction to organizational behaviour (Alter, 2006 2001). The model increases the understanding of links between employees and their emotional reactions to things that happen to them at work. It believes that work modelled includes hassles, autonomy, job demands, and emotional

labour and uplifting actions of their reactions. This emotional response intensity therefore affects job performance and satisfaction. Furthermore, affective events theory also proposes that stable work features such as job scope predisposes the occurrence of certain types of affect producing events. For instance, an enriched job leads to events involving feedback, task accomplishment, and optimal challenge that may result in happiness and enthusiasm.

6 i) Research Hypotheses

Arising from the background of the study and the subsequent review of literature, the following hypotheses were generated for testing: H1: There will be a significant effect of work system on employee's behavior.

H2: There will be a significant effect of work-related hazard on employee's behavior.

H3: There will be a significant effect of work system on work-related hazard.

7 III.

8 Methodology a) Design

Survey method of research design was used for the present study.

9 b) Population and Sample

The target population for this study comprised all the employees of Nigeria Eagle Flourmill, Ibadan, Nigeria, put at 810. The population consists of men and women above (18) eighteen years of age. The sample was made up of one hundred and twenty employees randomly selected from four departments of the said organization for this study.

10 c) Participants

The respondents for this study comprised of 120 employees from 4 key departments namely; Human resource, Financial, Production and Supply departments in the organization. A total of 67 (55.8%) respondents were males, 53 (44.2%) were females, 68 (56.7%) were single, 31 (25.8%) were married, 13 (10.8%) were widowed while 8 (6.7%) were divorced. In the sample, 43 (35.8%) of the workers were aged 18 The instrument used for the study was a closed-ended questionnaire. Two instruments were used in the study. These include the Organizational Citizenship Behavior Scale and High Performance Work System Scale.

11 i.

Work systems scale Work system was measured by 15-item questionnaire adapted from high performance work system checklist (HPWSC). The measure is a self-report scale that elicits information on how high performance work system can only be achieved through employees who display greater effort and behavioral attributes to help the firm succeed (Guest, 1997). The scale is a fivepoint Likert response scale ranging from 1 (strongly disagree) to 5 (strongly agree). The survey has a Cronbach alpha of 0.87.

ii.

Workplace hazards scale Workplace hazards scale was measured by 20item questionnaire adapted from hazards identification checklist (HIC). The measure helps to identify the potential hazards to workers' safety and health from manufacturing, installation and maintenance to decommissioning and recycling. Scoring was based on a five-point Likert format ranging from 1 (strongly disagree) to 5 (strongly agree). The reliability test yielded internal consistency co-efficient of 0.73. Additionally, it gives examples of the type of action at a technical,

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A organizational and individual level that can be put in place to prevent or reduce the risks.

iii.

13 Employee's behavior scale

Employee's behaviour was measured by 20item instrument designed by Fox, Spector, Goh, Bruursema, & Kessler, (2010) to assess the frequency of organizational citizenship behaviors performed by employees. The items have quite satisfactory psychometric properties to measure employee bahaviour in work organization. Respondents were instructed to rate the seriousness of each behaviour based on a five point Likert scale ranging from 1, Never, to 5, Every day. The survey has a Cronbach's alpha of 0.89.

14 e) Procedures

A total of 120 questionnaires were distributed, 112 returned (93.3%) with 8 not properly completed and were discarded, giving a response rate of 93.3%. The responses were received over a period of two weeks and were used for data analysis. Data analysis was done through one-way analysis of variance (ANOVA) and independent t-test. The stated hypotheses were tested at 0.05 level of significance.

15 f) Ethical Considerations

Authorization was sought from the management of the organization before conducting the field work. Likewise, consent of the respondents were sought and obtained before the questionnaires were distributed. All the respondents were made to know that they are free to back out of the study at any point in time and that information obtained from them as well as their identities will be kept anonymous and strictly confidential.

16 IV. Results

Hypothesis 1: There will be a significant effect of work system on employee's behavior in work organization. The hypothesis was put to test, using analysis of variance. This was based on items measuring performance of work system and items measuring employee's behaviour. The results obtained from the test are summarized in table 2. 2 revealed that there was a significant effect of work system on employee's pro-social behaviour in work organization ($F = 8.800$, $df = 13/98$, $P > .05$). The result gives support to the hypothesis. Therefore, the first hypothesis was accepted. Hypothesis 2: There is a significant effect of workplace hazards on employee's behavior. The hypothesis was put to test, using analysis of variance. This was based on items measuring performance of work system and items measuring employee's behaviour. The results obtained from the test are summarized in table 3. 3 showed that there was a significant effect of workplace hazards and employee's behaviour in the organization ($t=4.998$, $df=19/92$, $P>.05$). The result gives support to the hypothesis. Hence, the second hypothesis is accepted. Hypothesis 3: There is a significant effect of work system on work-related hazard. The hypothesis was put to test, using analysis of variance. This was based on items measuring effect of work system on workplace hazards. The result from Table 4 shows that sum of squares between and within groups for work system is 11.532 and 37.260 respectively while that of the workplace hazards is 23.519 and 51.148 for between groups and within groups respectively. The mean square for work system between and within groups is 0.32 and 2.9. For workplace hazards, it is 0.45 and 5.9 respectively. The degree of freedom (df) for both variables between and within groups is 32 and 79 respectively. The calculated F coefficient for both variables is 8.89 and 13.22 which comes out significant in both ways. Therefore, work system has significant effect on workplace hazards in work organization. The result gives support to the hypothesis. Hence, the third hypothesis is accepted.

17 V.

18 Discussion

Hypothesis 1 which stated that there will be a significant effect of work system on employee's behavior was accepted. The result showed that work systems are possible antecedent of organizational behavior. The finding support Rask and Johansson (2008) who noted that any organization that wishes to carry out its mission successfully must have functioning systems that allow the employees to carry out their work effectively. In line with this, Steijn (2001) reported that work systems are vital tools to influence quality of working life and attitude of workers. More so, Linda, Mark and Marilyn (2006) and Kiwekete (2010) observed that improper workplace design, ill-structured jobs, mismatch between worker abilities and job demands, adverse environment, poor human-machine system design and inappropriate management programs sometimes cause workplace hazards which affect workers health and attitude to work. In situation where work system produce poor employee's behaviour and their health being greatly injured, their level of functioning at work will become greatly reduced. It is imperative therefore; that the work activities should be structured in a way that met the psycho-social needs of employees in order to become more efficient at work and to assist the organization in realizing their set goals and objectives resourcefully.

Hypothesis 2 which stated that there is a significant relationship between workplace hazards and employee's behavior was accepted. The result revealed that workplace hazards are organizational events which influence employee's behaviour and attitude to work especially in workplace that lack adequate compensation for victims. The finding corroborate with Weiss & Cropanzano (1996) who submitted that organizational events such as workplace accident, promotion, transfer, delay or cut in employees wages, etc that employees react emotionally to. In line with this, Driskill and Brenton, (2005) noted that employee's reaction to organizational events could be positive or negative. Positive reaction is beneficiary to both parties (employees and organization) however, negative reaction cause employees' withdrawal of behaviors that benefits the organization.

It is not gainsaying the fact that employee who is affected by workplace hazards and not adequately compensated will exhibits personal and work behavioural problems like bullying, absenteeism, sabotage, avoidance, dissatisfaction, resignation or turnover. It should be noted that negative personal and work behaviour may not bring about positive organizational outcomes. In situations where the employees adopt negative personal and work behaviours like absenteeism, apathy, dissatisfactions, tardiness irresponsibility, irritability demoralization and withdrawal from colleagues, efficient attainment of organizational goals cannot be guarantee. For this reasons, organization may lose their customers to their competitor and may not receive expected income or profits. Therefore, managers should be specifically concern with safety and welfare of employees of all categories through provision of practical measures of protecting the health of employees in workplace. On the other hand, employees should bear in mind the overall organizational goals and adopts cognitive coping behaviours such as positive thinking and actions when they sustained injury at work. Hypothesis 3 which state that there is

a significant relationship among work system, workrelated hazard and employee's behavior was accepted. The result established that there exists a significant connection among work system, workplace hazards and employees behaviour. The finding upholds some of the principles of Tayloristic approach which assume that the way at which work activity is structured determines the

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Volume XIV Issue III Version I Year () A nature of workers behaviour in work organization. To him, work activities should be broken down to simplest tasks in order to ensure rational utilization of organizational resources. However, Niepce and Molleman (1998) opined that when workers are not allow to take responsibility, knowledge and authority needed for keeping machinery running and material flowing through the production system may result in organizational behavioural change which may reduce their effectiveness, commitment and dedication to work. In accordance to this, affective events theory (AET) suggested emotional relationship between employee's behaviour and things that happen to them at work. It further stated that work modelled includes hassles, autonomy, job demands, and emotional labour and uplifting actions of employee's reactions which therefore affects worker performance and satisfaction. This is consistent with Alter (2006) and Steijn (2001) who reported that work activities if not properly designed may generates workplace hazard which in turn affect both interactive and psychological wellbeing on employee's behaviour in work setting.

According to Driskill and Brenton, (2005), some employees are more likely to become emotional (externalizers) on the job; because they have a lower tolerance for job-induced frustration (My boss or my coworkers should handle it!). An employee (in his selfabsorption) is prone to outbursts may not realize that his behaviour makes others very uncomfortable, and therefore he ignores risks to his effectiveness in the short term and to his career in the long term. While some are more trusting and dismiss job failure and frustration more readily: perhaps they are more resilient than externalisers in this regard. More so, they prefer leaders who let them participate, and they are sensitive to organizational attempts to influence their thinking and behaviour. The study thus concludes that work system and workplace hazards can be relatively strong predictors of counter-productive workplace behaviours. Therefore, the key targets of managers should be how to make connection between work system, workplace hazards and employee behaviour.

20 VI. Conclusion and Recommendations

The study examines work systems, workplace hazards and employee's behaviour in Nigerian Eagle Flourmill Ibadan, Nigeria. Base on the finding conclusion are drawn; that if work system design and workers compensation for workplace hazards are deemed unfair or unjust, employees exhibit feelings of anger, dissatisfaction, outrage, and resentment and these feelings may result in employees' withdrawal of behaviors that benefits the organization and production deficiency. We consider this result to be of great importance for managers who seek to understand management implications of industrial workplace sabotage and counterproductive employee behaviour in organisations. However, this study recommends that: i.

Management should ensure that work activities are structured in a way that convene the psychosocial needs of employees in order to make them more efficient at work and to assist the organization to realize their predetermined goals and objectives resourcefully. This can be achieved by combining two or more work system designs in structuring the tasks to be performed by employees in the workplace. ii.

Management should be concern with safety and welfare of employees of all categories through provision of practical measures of protecting the health of employees and adequate compensation scheme. It is hoped that when employees are given adequate support by their employers or when their needs are adequately met many of them will become more productive, less aggressive and happy to carry out their contractual task effectively. iii.

Employees should also bear in mind the overall organizational goals by adopting cognitive coping behaviours such as positive thinking when they sustained injury at work. iv.

Both parties (management and employees) should see work organization as a system with interactive parts and be sensitive to any attempts that may affect the functioning of any part of the system in order not to jeopardize the whole system. v.

The key targets of managers should be how to make connection between work system, workplace hazards and employee behaviour so as to increase productivity and maximize profits.

21 Year ()

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-23years, 38

Figure 1: Table 1 :

2

Source of variable		Df	Means square	F	P	Remark
Within group variance	142.405	98	1.238	8.8000	.000	Sig
Between group variance	43.578	13	10.839			
Total variance	185.983	111				

Source: Field Survey, 2013 Significant at $P > .05$

Table

Figure 2: Table 2 :

3

Source of variable	Sum of squares	Df	Means square	F	P	Remark
Within group variance	151.949	92	1.321	4.9980	.001	Sig
Between group variance	12.842	19	6.551			
Total variance	164.791	111				

Source: Field survey, 2013 Significant at $P > .05$

Table

Figure 3: Table 3 :

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The results obtained from the test are summarized in table 4.

Figure 4: Table 4 :

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