Job Satisfaction, Job Fairness, and Job Evaluation as an Initial Step of Reward Management System Development: The Implementation of Quality of Work Life Concept

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Abstract
Quality of work life is an important concept that determines happiness in human life as well as job satisfaction that supports to increased motivation, organizational commitment, and work productivity. One factor that affects the level of job satisfaction is job fairness. Distributive and procedural justice are strong predictors of the fairness felt by employees. The intervention aims to increase fairness and job satisfaction through job evaluations that produce job grading as the beginning of the reward management system. This intervention is also an implementation of the concept of quality of work life that will be applied in the company. This study applies an action research using quantitative and qualitative methods at the same time (mix-method). A total of 79 job holders in 13 divisions at a head office became participants. In the pre-assessment stage, measurement of quality of work life is carried out, in the assessment stage, job satisfaction and job fairness measurements are taken. The results revealed that in the intervention stage a job description is reviewed as part of the job analysis and job evaluation using the Hay method to produce job grading can significantly increase the mechanisms of rewards system. Theoretical and practical implications are discussed.

Keywords
Quality of work life; job satisfaction; job fairness; job evaluation; job grading; hay method

Introduction
Quality of life is an important factor that determines human happiness. Work is also an important part of modern human life. If the average work time is seven to eight hours a day, it means that one third of our lives are spent at work. So you can imagine what will happen in our lives if we cannot feel happiness in daily activities at work. Work and organization in the context of modern life are relatively more complex than before. People not only need to pay for their daily lives, but also look for other things in their work life, such as work environment, job fairness, opportunities to develop themselves, relationships with superiors and co-workers, social activities,
all of which are closely related relation to quality of work life. Salmani (in Farabakhsh, 2012) stated Quality of work life as workers' reactions to their work and how the context of work and mental health at work, experience in organizations, and opportunities to develop individual self can be adjusted to personal needs. Layer, Karwowski, and Furr (2009) indirectly describe the quality of work life as individual workers' perceptions of the level of supervision, empowerment, job satisfaction, and opportunities for learning in an organization. These two meanings reveal the importance of an individual's perception of a job, and also the role of the organization in the individual being felt in his work, as stated by Hackman and Oldhams (in Rethinam & Ismail, 2008), namely the interaction between the work environment and individual personal needs. Greenberg and Baron (in Farabakhsh, 2012) say that not only for the personal interests of individual workers, but Quality of Work life is also the most important contributing factor to organizational development, so as to create a more democratic work atmosphere and increase organizational work performance. Companies with a good quality of work life will look more attractive for workers to join or survive in an organization (Kanten & Sadullah, 2012).

Quality of work life is a construct that is multidimensional in nature. According to the European Foundation for the Improvement of Living Conditions (2002), dimensions included in it are: job satisfaction, job involvement, motivation, productivity, health, safety and well-being, job security, competence development, and the balance between work and personal life (Rethinam & Ismail, 2008). This research will focus on the dimensions of job satisfaction, based on pre-assessment results. Job satisfaction felt by employees should be one of the important considerations of the company because of its strong correlation with commitment to the organization, the quality and quantity of work productivity (Ganguly, 2010; Celik, 2011; Chitra & Mahalakshmi, 2012). Job fairness is an important factor that determines job satisfaction. VanYperen, et. al. (2000) and El-Hajji (2011) stated that when employees consider a decision as fair, it will have an impact on the emergence of satisfaction and increase a sense of acceptance and motivation to produce a better work performance.

PT. X as one of the developing companies is a private company engaged in manufacturing, especially in the field of building construction. Along with the reasonably high economic growth and rapid development of the construction sector, particularly infrastructure and property development, this company participated in the business of providing construction materials such as ready-to-use concrete, Masonry and Machine-Breaking Stone / Base Coarse concrete products, as well as other building materials made from cement. It has several branch offices namely in Gresik, Tuban, Solo, Makassar, Purwokerto, Yogyakarta, Pandaan, and Semarang. The company realizes the importance of applying the concept of quality of work life as one of the capital to prepare themselves in global competition, while responding to changes that occur in meeting human needs in this modern era. The management also realizes the importance of giving rights and rewards in accordance with the productivity demanded by employees so there is a mutual relationship exist. In fact, employees are more concerned with demands rather than fulfilling the responsibilities imposed by the company. Employees always demand salary increases, incentives, and bonuses, without being followed by increased performance. Thus the employees still need to be educated.
The company also continues to strive to always improve the existing system and values.

Regarding the issue of job satisfaction and reward systems, information was obtained from the Head of Staff Section, that there was often talk among employees about the injustice of reward. Preliminary data collection shows that there is no standard, especially in the financial sector such as the amount of salary earned when compared with other positions, benefits, bonuses, and non-financial fields such as promotion, so that there is a lack of job satisfaction felt by employees. From these statements, it can be concluded that in order to achieve employee job satisfaction, one important thing that needs to be considered is fairness in the payroll structure which is reflected in the reward system applied by the organization (Corominas, Coves, Lusa, & Martinez, 2008). The company is currently changing the reward system of the company. The current system still provides rewards based on the length of work of employees, so that rewards in the form of Umroh are given to employees who are already senior. The company realizes the importance of rewards to support increased performance, so that system changes are arranged, and that rewards are given to employees who do have good performance.

Based on these considerations, this research will focus on developing a reward management system by providing logical considerations in reward system related to a sense of justice and job satisfaction. Low job satisfaction will result in low employee motivation to produce good performance, because the work environment is considered ineffective to develop its potential (Freedman in Danish & Usman, 2010; Khalid, Salim & Locke, 2011, Galanou et al., 2014). Quality of work life is a concept that is closely related to the welfare of members of the organization as a whole, which leads to job satisfaction as a result, and includes the effects of the workplace on job satisfaction, satisfaction in life, personal happiness and subjective well-being (Otto and Bourget, 2006, referring to Sirgy, Efraty, Siegel et al. 2001). For this reason, job evaluation needs to be done first as one method that can be used to manage salary structure.

**Research Methods**

This research focuses on developing a reward management system to meet job satisfaction, which begins with a job evaluation at the head office. This study uses an action research approach, which is a method designed with the aim of improving an implementation process and consists of the stages of action, evaluation, and critical reflection (Koshy, Koshy, & Waterman, 2011). Arnold, Cooper, and Robertson (2004, referring to Lewin, 1946) used the term action research to describe research in which researchers and research subjects jointly participated. Action research is intended not only to solve problems faced by research subjects, but also to increase knowledge about the topic being studied.

The population in this study were all management staff and employees of the central office (positions of Head of Department, Section Chief, and Team Leader in 13 divisions). The research sample was determined by the incidental sampling method with 79 positions.

This research consists of three stages. The pre-assessment stage was carried out by measuring quality of work life through questionnaires, FGDs and SWOT analysis. The assessment phase carried out measurements of job satisfaction and job
fairness. At the intervention stage a job evaluation is performed as one method for managing salary structure, which includes 3 measurement factors, namely know-how, accountability, and problem solving. As a final result, data and formulations are obtained to improve the management reward system, so that it is more directed at efforts to improve the welfare of employees and members of the organization, as an implication of the concept of quality of work life. Thus this study uses a mixed method design, which is a merger between quantitative and qualitative research methods.

The flow of the research process can be described as shown in Figure 1.
Results and Discussion

Results of the Pre-assessment Phase

Table 1. QWL Pre-assessment Category Results Per Dimension on the Employees

<table>
<thead>
<tr>
<th>Category</th>
<th>Frequency</th>
<th>%</th>
<th>Frqc</th>
<th>%</th>
<th>Frqc</th>
<th>%</th>
<th>Frqc</th>
<th>%</th>
<th>Frqc</th>
<th>%</th>
<th>Frqc</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very High</td>
<td>15</td>
<td>13.04</td>
<td>31</td>
<td>26.96</td>
<td>24</td>
<td>20.87</td>
<td>93</td>
<td>80.87</td>
<td>23</td>
<td>20.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>High</td>
<td>33</td>
<td>28.70</td>
<td>47</td>
<td>40.87</td>
<td>18</td>
<td>15.65</td>
<td>16</td>
<td>13.91</td>
<td>18</td>
<td>15.65</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moderate</td>
<td>29</td>
<td>25.22</td>
<td>32</td>
<td>27.83</td>
<td>29</td>
<td>25.22</td>
<td>2</td>
<td>1.74</td>
<td>32</td>
<td>27.83</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low</td>
<td>25</td>
<td>21.74</td>
<td>1</td>
<td>0.87</td>
<td>18</td>
<td>15.65</td>
<td>3</td>
<td>2.61</td>
<td>19</td>
<td>16.52</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Very Low</td>
<td>13</td>
<td>11.30</td>
<td>4</td>
<td>3.48</td>
<td>24</td>
<td>20.87</td>
<td>1</td>
<td>0.87</td>
<td>23</td>
<td>19.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>115</td>
<td>100.00</td>
<td>115</td>
<td>100.00</td>
<td>115</td>
<td>100.00</td>
<td>115</td>
<td>100.00</td>
<td>115</td>
<td>100.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total QWL Value per Dimension

<table>
<thead>
<tr>
<th>Dimension</th>
<th>62.09</th>
<th>77.39</th>
<th>60.52</th>
<th>94.26</th>
<th>59.83</th>
</tr>
</thead>
</table>

From the measurement of the level of Quality of work life at this pre-assessment stage, it was concluded that job satisfaction is the second lowest QWL dimension after work and non-work life balance (60.52), so it should be a priority in improving organizational systems as a whole, using the reference concept of Quality of Work life from EWON (2002).

Table 2. Validity and Reliability of Job Satisfaction Measurement Tool

<table>
<thead>
<tr>
<th>No</th>
<th>Aspect</th>
<th>Reliability Alpha Cronbach</th>
<th>Information</th>
<th>Follow up</th>
<th>Reliability Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Salary</td>
<td>0.610</td>
<td>Good</td>
<td>Maintained</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Promotion</td>
<td>0.406</td>
<td>Moderate</td>
<td>Maintained</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Supervision</td>
<td>0.579</td>
<td>Moderate</td>
<td>Eliminating items 5 &amp; 23</td>
<td>0.702 (Good)</td>
</tr>
<tr>
<td>4</td>
<td>Benefit</td>
<td>0.448</td>
<td>Moderate</td>
<td>Maintained</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Contingency Reward</td>
<td>0.441</td>
<td>Moderate</td>
<td>Maintained</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Operational condition</td>
<td>0.491</td>
<td>Moderate</td>
<td>Maintained</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Co-workers</td>
<td>0.594</td>
<td>Moderate</td>
<td>Eliminating item 34</td>
<td>0.692 (Good)</td>
</tr>
<tr>
<td>8</td>
<td>Nature of work</td>
<td>0.674</td>
<td>Good</td>
<td>Eliminating item 19</td>
<td>0.718 (Good)</td>
</tr>
<tr>
<td>9</td>
<td>Communication</td>
<td>0.654</td>
<td>Good</td>
<td>Maintained</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>General satisfaction</td>
<td>0.340</td>
<td>Low</td>
<td>Eliminating this aspect</td>
<td></td>
</tr>
</tbody>
</table>
The total items that passed the validity and reliability tests on the job satisfaction scale were 24 items from the previous 40 items.

The total items that passed the validity and reliability tests on the job fairness scale were 12 items from the previous 15 items.

Results of the Assessment Phase

Table 3. The Job Satisfaction Level

<table>
<thead>
<tr>
<th>Category</th>
<th>Ideal Norm</th>
<th>Group Norms</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Frequency</td>
<td>Percentage</td>
</tr>
<tr>
<td>Very Low</td>
<td>0</td>
<td>0 %</td>
</tr>
<tr>
<td>Low</td>
<td>1</td>
<td>1.3 %</td>
</tr>
<tr>
<td>Moderate</td>
<td>16</td>
<td>20.78 %</td>
</tr>
<tr>
<td>High</td>
<td>48</td>
<td>62.34 %</td>
</tr>
<tr>
<td>Very High</td>
<td>12</td>
<td>15.58 %</td>
</tr>
<tr>
<td>TOTAL</td>
<td>77</td>
<td>100 %</td>
</tr>
</tbody>
</table>

The majority of employees have a level of job satisfaction that is classified as moderate / sufficient, which is as much as 62.34%.

Table 4. Validity and Reliability of the Job Fairness Measurement Tool

<table>
<thead>
<tr>
<th>No</th>
<th>Aspect</th>
<th>Alpha Cronbach Reliability</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Distributive justice</td>
<td>0.736</td>
<td>Good</td>
</tr>
<tr>
<td>2</td>
<td>Procedural justice</td>
<td>0.727</td>
<td>Good</td>
</tr>
<tr>
<td>3</td>
<td>Interational justice</td>
<td>0.660</td>
<td>Good</td>
</tr>
</tbody>
</table>

Table 5. The Results of Job Fairness Level

<table>
<thead>
<tr>
<th>Category</th>
<th>Ideal Norms</th>
<th>Group Norms</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Frequency</td>
<td>Percentage</td>
</tr>
<tr>
<td>Very Low</td>
<td>0</td>
<td>0 %</td>
</tr>
<tr>
<td>Low</td>
<td>1</td>
<td>1.3 %</td>
</tr>
<tr>
<td>Moderate</td>
<td>18</td>
<td>23.38 %</td>
</tr>
<tr>
<td>High</td>
<td>46</td>
<td>59.74 %</td>
</tr>
<tr>
<td>Very High</td>
<td>12</td>
<td>15.58 %</td>
</tr>
<tr>
<td>TOTAL</td>
<td>77</td>
<td>100 %</td>
</tr>
</tbody>
</table>

There are 25.97% of employees who are satisfied with their work.
The majority of employees, as many as 57.14% felt that PT. X treats employees fairly enough.

### Table 6. The Job Grades Before Intervention

<table>
<thead>
<tr>
<th>Classification</th>
<th>Range</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>A up to I</td>
<td>9</td>
</tr>
<tr>
<td>II</td>
<td>A up to H</td>
<td>8</td>
</tr>
<tr>
<td>III</td>
<td>A up to E</td>
<td>5</td>
</tr>
<tr>
<td>IV</td>
<td>A up to D</td>
<td>4</td>
</tr>
<tr>
<td>V</td>
<td>A up to C</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>29</td>
</tr>
</tbody>
</table>

The division of classes/levels/levels with the rules of the company Chapter II according to their position in accordance with the rules of the company Chapter II article 2 on payroll is as below.

### Table 7. Grade Category and Job Level

<table>
<thead>
<tr>
<th>Job Level</th>
<th>Minimum Education Level</th>
<th>Job Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Assistance, Test Objects Officer, Housekeeper, and other positions that do not require special skills / education</td>
<td>Senior High School / equivalent</td>
<td>IA</td>
</tr>
<tr>
<td>Pool Driver, C Pump Helper, Security Officer, Cement Checker Officer, and other auxiliary jobs</td>
<td>Senior High School / equivalent</td>
<td>IA</td>
</tr>
<tr>
<td>Operator Officer: Wheel Loader, Carmix, Truck Trailer, Tronton Truck, Mixer Truck, Bulk Carrier, Bull Dozer, ForkliftPrimary / Scunder Cruser</td>
<td>Senior High School / equivalent</td>
<td>IB</td>
</tr>
<tr>
<td>Officers: Administration, Sales, Billing, Field, Laboratory, Slump, Maintenance, Hardware, Batching Plant Operators</td>
<td>Senior High School / equivalent</td>
<td>IC</td>
</tr>
<tr>
<td>Lead Staff: Team leader, Head of Section / Plant Professional staff / talent</td>
<td>D3 – S1</td>
<td>II A up to III A</td>
</tr>
</tbody>
</table>

### Table 8. Correlations between Job Satisfaction and Job Fairness

<table>
<thead>
<tr>
<th></th>
<th>Total JS</th>
<th>Total JF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total JF</td>
<td>Pearson Correlation</td>
<td>.809**</td>
</tr>
<tr>
<td></td>
<td>Sig. (2-tailed)</td>
<td>.000</td>
</tr>
<tr>
<td></td>
<td>N</td>
<td>77</td>
</tr>
</tbody>
</table>

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It can be seen in the table above that job satisfaction is closely and positively related to work justice with the strength of the relationship of 0.809 and a significance value smaller than 0.05, which is equal to 0.000. That is, if someone feels satisfied with their work then the perceived work justice will also be high, and vice versa.

**Table 9. Frequency Distribution of Job Satisfaction**

<table>
<thead>
<tr>
<th>Category</th>
<th>Salary</th>
<th>Promotion</th>
<th>Supervision</th>
<th>Benefit</th>
<th>Contingency Reward</th>
<th>Operational Condition</th>
<th>Co-workers</th>
<th>Nature of Work</th>
<th>Communication Aspects</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>F</td>
<td>%</td>
<td>F</td>
<td>%</td>
<td>F</td>
<td>F</td>
<td>F</td>
<td>F</td>
<td>F</td>
</tr>
<tr>
<td>Very high</td>
<td>5</td>
<td>6.5%</td>
<td>5</td>
<td>6.5%</td>
<td>26</td>
<td>33.8%</td>
<td>5</td>
<td>6.5%</td>
<td>7</td>
</tr>
<tr>
<td>High</td>
<td>14</td>
<td>18.2%</td>
<td>35</td>
<td>45.5%</td>
<td>44</td>
<td>57.1%</td>
<td>41</td>
<td>53.2%</td>
<td>35</td>
</tr>
<tr>
<td>Moderate</td>
<td>44</td>
<td>57.1%</td>
<td>32</td>
<td>41.6%</td>
<td>5</td>
<td>6.5%</td>
<td>27</td>
<td>35.1%</td>
<td>25</td>
</tr>
<tr>
<td>Low</td>
<td>12</td>
<td>15.6%</td>
<td>4</td>
<td>5.2%</td>
<td>1</td>
<td>1.3%</td>
<td>3</td>
<td>3.9%</td>
<td>8</td>
</tr>
<tr>
<td>Very low</td>
<td>2</td>
<td>2.6%</td>
<td>1</td>
<td>1.3%</td>
<td>1</td>
<td>1.3%</td>
<td>1</td>
<td>1.3%</td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td>77</td>
<td>100%</td>
<td>77</td>
<td>100%</td>
<td>77</td>
<td>100%</td>
<td>77</td>
<td>100%</td>
<td>77</td>
</tr>
</tbody>
</table>

Based on the table above, it can be seen that the supervision aspect has the highest percentage with the acquisition of high and very high categories, which is 90.9%. That is, in working at PT.X, employees feel that there is supervision from superiors, guidance in doing work, and discussions conducted with superiors in the context of self-development which are very helpful to employees in achieving job satisfaction. The salary aspect has the highest percentage with the acquisition of low and very low categories, which is equal to 18.2% and the contingency award aspect has the second largest percentage with the acquisition of low and very low categories, amounting to 13.0%. That is, there are some people who feel that the amount of salary or awards received have not been in accordance with the performance given to the company, although most aspects of salary are still at a moderate level (57.1%) towards high (24.7%) and aspects of medium contingency rewards (32.5%) towards high (54.6%).

**Table 10. Frequency Distribution of Job Fairness**

<table>
<thead>
<tr>
<th>Category</th>
<th>Distributive Justice Aspect Frequency</th>
<th>%</th>
<th>Procedural Justice Aspect Frequency</th>
<th>%</th>
<th>Interational Justice Aspect Frequency</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very High</td>
<td>5</td>
<td>6.5%</td>
<td>4</td>
<td>5.2%</td>
<td>9</td>
<td>11.7%</td>
</tr>
<tr>
<td>High</td>
<td>1</td>
<td>1.3%</td>
<td>6</td>
<td>7.8%</td>
<td>15</td>
<td>19.5%</td>
</tr>
<tr>
<td>Moderate</td>
<td>61</td>
<td>79.2%</td>
<td>48</td>
<td>62.3%</td>
<td>48</td>
<td>62.3%</td>
</tr>
<tr>
<td>Low</td>
<td>5</td>
<td>6.5%</td>
<td>15</td>
<td>19.5%</td>
<td>3</td>
<td>3.9%</td>
</tr>
<tr>
<td>Very Low</td>
<td>5</td>
<td>6.5%</td>
<td>4</td>
<td>5.2%</td>
<td>2</td>
<td>2.6%</td>
</tr>
<tr>
<td>Total</td>
<td>77</td>
<td>100%</td>
<td>77</td>
<td>100%</td>
<td>77</td>
<td>100%</td>
</tr>
</tbody>
</table>
Based on the table above it can be seen that the aspect of interactional justice has the largest percentage with the acquisition of high and very high categories, amounting to 31.2%. That is, employees feel that interactions built with coworkers, superiors, and subordinates in the company get positive feedback that builds personal and work development. The procedural justice aspect has the highest percentage with the acquisition of low and very low categories, which is 24.7%. This means that there are some employees who feel that the bureaucracy, procedures, and systems implemented by the company do not support the creation of fair treatment for all employees.

Table 11. Correlations between Aspects with Total Job Satisfaction

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Correlation with total job satisfaction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salary</td>
<td>0.792</td>
</tr>
<tr>
<td>Promotion</td>
<td>0.755</td>
</tr>
<tr>
<td>Supervision</td>
<td>0.594</td>
</tr>
<tr>
<td>Benefit</td>
<td>0.705</td>
</tr>
<tr>
<td>Contingency Reward</td>
<td>0.605</td>
</tr>
<tr>
<td>Operational condition</td>
<td>0.245</td>
</tr>
<tr>
<td>Co-workers</td>
<td>0.548</td>
</tr>
<tr>
<td>Nature of work</td>
<td>0.712</td>
</tr>
<tr>
<td>Communication</td>
<td>0.733</td>
</tr>
</tbody>
</table>

The table 11 above shows that all aspects are highly correlated with job satisfaction, except aspects of operational conditions which only have sufficient correlation, with a correlation value of 0.245. The biggest correlation that has a big factor in determining the level of job satisfaction owned by employees of PT. X is the salary factor (r = 0.792), promotion (r = 0.755), and communication (r = 0.733).

Table 12. Correlations between Aspects with Total Job Fairness

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Correlation with total job fairness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distributive justice</td>
<td>0.784</td>
</tr>
<tr>
<td>Procedural justice</td>
<td>0.896</td>
</tr>
<tr>
<td>Interacional justice</td>
<td>0.766</td>
</tr>
</tbody>
</table>
The table above shows that all aspects of work justice are closely and positively correlated with the value of work justice. The highest correlation level was obtained between aspects of procedural justice with a total value of work justice, which was 0.896 and followed by distributive justice aspects with a correlation of 0.784. This reflects that the employees at PT. X is more likely to regard procedural justice as a stronger predictor of work justice.

The explanation of differences in reasons for employees with high and low job satisfaction levels, shows that employees with high categories are more concerned with non-material factors such as psychological satisfaction when successfully completing responsibilities / trust given by others. This type of job satisfaction is referred to as job satisfaction from the cognitive aspect, namely employee confidence in work and work situations (Rethinam and Ismail, 2008). If reviewed according to Herzberg's two factor theory, then the employee this type forms more satisfaction because of intrinsic factors, such as acceptance, recognition, personal growth, and the nature of work (Simpson in Georgakopoulos, Sotiropoulos, & Dimitris, 2010).

In the type of employee who has a low level of satisfaction, is more likely to perceive satisfaction based on material fulfillment factors or physical factors. In accordance with Maslow's theory, employees of this type will be satisfied with meeting basic needs, namely physical and material needs (Galanouw, Georgakopoulos, Sotiropoulos, & Dimitris, 2010). If assessed according to Herzberg's two factor theory, employees with this type form more satisfaction due to hygiene factors, namely such as working conditions, supervision, salary, and colleague relations (Simpson in Galanouw, Georgakopoulos, Sotiropoulos, & Dimitris, 2010). This hygiene factor raises motivation and satisfaction which is more temporary.

The close relationship between the aspects of financial reward and procedural justice with the level of job satisfaction and work justice shows that although there are only 36.6% of employees who feel less satisfied and 11.69% of employees who feel less in accordance with the company's treatment of them, but this needs to be addressed further. This is due to the perception of dissatisfaction or injustice that is felt by someone will have an impact on decreasing commitment to the organization, as well as decreasing the quality and quantity of work productivity (Ganguly, 2010; Celik, 2011; Chitra & Mahalakshmi, 2012)

The results of the assessment of the rewards system implemented in the organization today indicate that the reward system is established based on the Directors' Decree. For permanent employees, the distribution of basic salary is determined by the group and sub-level groups. Every year there is an index of base salary increase of 6% because it follows the policies of the previous principal company. the amount of the fixed allowance consisting of general allowances, section position allowances (for the minimum position of Team Head), and attendance allowance is determined by company provisions through the Personnel. However, the magnitude of the benefits and the percentage increase in these benefits do not yet have a strong, logical, systematic, objective, and transparent basis for consideration.

Promotion policies are implemented according to company requirements (if there is a request from the leadership of the division), viewed based on individual performance track records, and sufficient
work time. Employees with the same position, even though they have different work performance, do not have different rewards. Giving different rewards is only determined based on the length of work associated with increasing sub-level groups every 3.5 years.

The explanation related to the award system above shows that the company's remuneration structure is less accountable because it has not been based on strong, logical, systematic, transparent, and patterned considerations. This is the cause of the emergence of employee issues that feel the giving of salaries between individuals is unfair and equal. This issue has an impact on declining perceptions of work justice and job satisfaction and will indirectly have an impact on the quality of work life of employees (quality of work life). A good quality of work life is important to maintain the emergence of motivation, satisfaction, and work productivity (Freedman in Danish & Usman, 2010; Khalid, Salim, & Loke, 2011; Galanou, et. Al. 2014).

Results of the Intervention Phase

In carrying out a job evaluation, researchers first examine the job description owned by the company. According to Poels (1997), the initial stage in the job evaluation process is to carry out a job analysis in order to determine the extent to which the job is describing the criteria in the job evaluation. It is obtained from the analysis of documents that the existing job description has just been compiled and revised in 2015, however, not all positions that will be subject to job evaluation have a complete job description data. For this reason, researchers need to review all of the existing job descriptions.

In this study, the method used in job evaluation is the Hay method. Hay method was formulated based on the scheme analysis method but its weight was patented so that it was easier to apply. The use of the Hay method is due to the reason that PT. X has never done a job evaluation before so there is no standard factor that is used to determine the weight of the position. In addition, the lack of time owned by the top leaders of PT. X to jointly with researchers to formulate a compensable factor that is in line with company values, make the researchers and management have to discuss and then decide to use the Hay method. It is actually standardized; has included 4 traditional factors in job evaluation i.e skill, effort, responsibility, and working conditions. It has been used in many types of organizations and has been tested in various parts of the world; and always in the process of undergoing evaluation and development by Hay Group itself as a composer.

Table 13. Job Evaluation Results with the Hay Method

<table>
<thead>
<tr>
<th>No</th>
<th>Job Level</th>
<th>Minimum Score</th>
<th>Maximum Score</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Squad Chief</td>
<td>123</td>
<td>338</td>
<td>216</td>
</tr>
<tr>
<td>2</td>
<td>Section Chief</td>
<td>352</td>
<td>536</td>
<td>185</td>
</tr>
<tr>
<td>3</td>
<td>Head of Division</td>
<td>608</td>
<td>752</td>
<td>145</td>
</tr>
</tbody>
</table>
The table above shows that among each level of position there are figures not included in any level. This is because in the process of determining the weights using the Hay method, the number that the researcher sets is the middle number which is the standard point and the assumption that the position holder is doing his job well (on average), and has not been determined in actual performance. Given these conditions, researchers arrange the range of each grade with the following calculation:

**Table 14. Proposed Grade Division for Each Job Category**

<table>
<thead>
<tr>
<th>Company Grade</th>
<th>Job Level</th>
<th>Score/Weight based on Job Evaluation</th>
<th>Grade Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>IIB up to</td>
<td>Head of Division</td>
<td>573 - 752</td>
<td>IIB up to IIE</td>
</tr>
<tr>
<td>IIA up to IIIA</td>
<td>Section Chief</td>
<td>346 - 572</td>
<td>IIE up to IIIA</td>
</tr>
<tr>
<td>IIA up to IIIA</td>
<td>Squad Chief</td>
<td>123 - 345</td>
<td>IIA up to IID</td>
</tr>
</tbody>
</table>

The table above shows the range grade category for each level of position. This research proposed the new grade based on the Decree of the Board of Directors, while the old one was not yet detailed in categorizing the grade for each level. At the Squad Chief's level, the score range is 123-345 with grades IIA up to IID. At the Section Chief level, the range is 346-572 with grades IIE up to IIIA. At the Division Head level, the score range is 573-752 with a grade IIB and above. Here is the range of each grade that is proposed by this research.

**Table 15. Proposed Design of Job Grading Research Systems**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Range of Weight/Score</th>
<th>Job Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>IIA</td>
<td>123 – 178</td>
<td>Squad Chief</td>
</tr>
<tr>
<td>IIB</td>
<td>179 – 234</td>
<td></td>
</tr>
<tr>
<td>IIC</td>
<td>235 – 290</td>
<td></td>
</tr>
<tr>
<td>IID</td>
<td>291 – 345</td>
<td></td>
</tr>
<tr>
<td>IIE</td>
<td>346 – 391</td>
<td></td>
</tr>
<tr>
<td>IIF</td>
<td>392 – 437</td>
<td></td>
</tr>
<tr>
<td>IIG</td>
<td>438 – 482</td>
<td>Section Chief</td>
</tr>
<tr>
<td>IIH</td>
<td>483 – 527</td>
<td></td>
</tr>
<tr>
<td>IIIA</td>
<td>528 – 572</td>
<td></td>
</tr>
<tr>
<td>IIB</td>
<td>573 above</td>
<td>Head of Division</td>
</tr>
</tbody>
</table>
Conclusions and Suggestions

Based on the results of the initial assessment analysis related to job satisfaction and job fairness, the factor which is the reason for the low level of employee job satisfaction at PT. X is the hygiene factor (in Herzberg’s two factor theory) or the financial reward factor. Perceptions of low categorized justice are based more on procedural justice factors that employees feel are not in line with expectations because the company is perceived as not implementing procedures and systems objectively and transparently; employees are not too involved in decision making and the results of decisions are not explained in detail and transparently.

Based on the results of interviews related to the payroll system, the results show that so far the salary or reward system does not have a strong basis for consideration so often issues of injustice arise. In addition, the system of giving benefits in a company is only based on personal considerations from the Personnel without any clear standards.

Based on the results of the job analysis, the results show that the current job description does not describe the job description and responsibilities of the job holder in detail, because there are many repetitions of words and they are not accompanied by job specifications.

Based on the results of the job evaluation and grading system compiled by researchers using the Hay method, it can be seen that the weight of each position is adjusted to the roles, responsibilities, problem solving abilities, and technical knowledge demanded for the job in accordance with the job description that has been reviewed. The results of this weighting are based on a standard value (middle value / average value).

The suggestions that can be delivered related to this research are as follows:

1. To improve and develop the reward system, the HRD needs to convince top management that the results of this job evaluation have been evaluated and included points of the evaluation results so that it makes it easier for top management to discuss the steps of implementing the new reward system.

2. The HRD should inform the results of the research in detail and convey the impact and benefits of the job evaluation process within the company.

3. The HRD should form a team of experts to conduct further analysis and evaluation of the results of the job evaluation. This follow-up analysis is intended for companies to assess the suitability of determining compensatory factors with company values, values assigned to each position, strategic plans for utilizing job evaluations, and other long-term strategic matters that need to be considered by the company.

4. HRD should develop a system to assess work performance of each job holder in an objective and systematic manner so that the results of job evaluation can be applied in the payroll structure more fairly and equally because it is in accordance with individual work performance.

5. Job grading design proposed by researchers is expected to be an input in developing and updating the reward system that applies in the company. Adjustment between the previous grade and the results of the study can be done with a nominal calculation process that is valued at each
level of position in accordance with the calculation below so that there will be no employee feels disadvantaged.

**Score/ Weight x Rp. A = Rp. B**

Notes:
- Rp. A is the nominal amount of money determined by the company to appreciate each level of position.
- Rp. B is the employee’s salary.
- Nominal amount of money at Rp. A above can be adjusted and differentiated according to the position level. The difference in nominal amount of money at each level of position will help the company in valuing employees who have decreased the grade of the current grade set by the company so that employees do not feel disadvantaged and remain motivated.

6. The renewal of the grading system that will be applied by the company should be followed by informing the procedures and details to the employees so that there is no misunderstanding and still maintaining transparency and objectivity. The current grading system can be utilized by companies in the process of transition to a more ideal grading system and in line with company expectations.

7. For further research, researchers and companies need to ensure the active involvement of stakeholders, starting from the top level to the operational level. Researchers need to ensure that executive direction on employee goals, processes, steps and involvement is well understood and implemented by all levels of employees. This involvement will greatly assist the smooth implementation of research and the accuracy of research results which will be used as a basis for establishing baselines, drafting intervention designs, as well as long-term strategic planning.

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