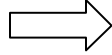


Problems and Causes:

1-star hotel Ngọc Gia Trang has 40 rooms. Every bathroom has 1 electric water heater



- High cost of electric and gas
- Reduce the loading capacity of local electric networks

Economic benefits:

- Additional cost/year: 0
- Net saving/year: 7,388 USD
- Investment cost: 3,253 USD
- Payback period: 5.3 months

Environmental benefits:

Saving on energy (electric) and protect environment

Organizational benefits:

- Enhance its imagines on environmental protection
- Increase the profits and welfare

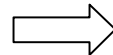
Workplace Safety and Health Protection Benefits

- Reduce risk of electric shock for clients



Measures:

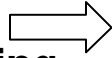
Install the heating system using solar energy



Reduce 100% electric cost

Problems and Causes:

Every beginning morning of the month, 50 skilled curving workers spend working times for sharpening their own devices

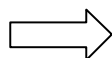


- High costs because 50 sets of sharpening device must be set-up
- Skilled workers easily being fingers' cut
- Reduce productivity



Measure

- Assign full time 1 skilled sharpening worker for all curving devices
- Buy 1 good sets of sharpening devices



- Increase productivity 2%
- Decrease sharpening device costs

Economic benefits:

- Additional cost/year: 377 USD
- Net saving/year: 1,392 USD
- Investment cost: 0 USD
- Payback period: Immediately

Environmental benefits:

- Reduce solid waste of sharpening devices

Organizational benefits:

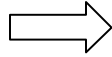
- More efficiency in using skilled labour
- Increase productivity and profits

Workplace Safety and Health Protection Benefits

- Reduce risk of fingers' cut

Problems and Causes:

There are just 2 sizes of spraying device for many sizes of products, inappropriate spraying manner makes a lot of redundant PU emission



- High PU cost
- Releasing PU emission and smell effects environment and health

Economic benefits:

- Additional cost/year: 0
- Net saving/year: 361 USD
- Investment cost: 9 USD
- Payback period: 9 days

Environmental benefits :

Reduce PU emission releasing

Organizational benefits :

- Easier management the spaying process
- Workers care about reducing costs and protecting the environment and their health themselves

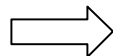
Workplace Safety and Health Protection Benefits

Reduce effect of toxic PU emission to workers' health



Measure:

- Buying 1 more size spraying device
- Improve praying manner

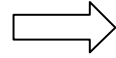


- Reduce 50% PU cost
- Reduce releasing PU emission

Problems and Causes:

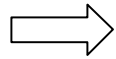
-A lot of wood waste from production process. The enterprise always gives for free to the neighbourhood for cooking.

- The enterprise must buy coal for drying wood



-Increase costs for coal

- The emission from coal has sulphur effects environment and worker health



Measure:

Replace coal by wood waste in drying process

-Reduce 100% coal costs

Economic benefits:

- Additional cost/year: 0
- Net saving/year: 352 USD
- Investment cost: 0
- Payback period: Immediately

Environmental benefits:

Reduce releasing emission from burning coal

Organizational benefits :

Worker more care about saving and utilize redundant waste

Workplace Safety and Health Protection Benefits

Reduce emission with sulphur from coal in drying process