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WASTE MANAGEMENT PROCESS AT BOTSWANA POWER CORPORATION (BPC)

“ZERO HARM & SUSTAINABILITY DRIVE”

Botswana Power Corporation in its quest to achieve zero harm and sustainability, is guided by its corporate integrated SHER policy and legal obligations. BPC established a comprehensive waste management plan to guide the overall management and appropriate disposal of various waste streams. This generic waste management process aims to holistically address environmental challenges faced by our organization particularly on waste management issues. The primary focus in the interim is to manage waste segregation at the source through the use of “drop off centres”. This is an initiative that seeks to remind and to educate the general BPC workforce, customers and contractors about waste streams with emphasis on the principle of three R’s, namely reduce, reuse and recycle to render the natural habitat sustainable.

The drop off centres are strategic places provided throughout the organizations workplaces where general waste is contained and controlled for final disposal or processed for another use without degrading the environment. These drop off centres are categorized into four (4) main waste streams for the following waste as shown by the table below;

Waste Stream	Colour Code
• Office Paper	• White
• Plastic Bottles	• Orange
• Glass	• Green
• Cans	• Grey

Figure 1.

The **Drop – Off Centres** are shown in the below picture, with waste streams and specific colour codes. The waste receptacles are for the outdoor areas.



Figure 2.

This waste management intervention campaign is one of many initiatives that BPC has embarked upon as part of an environmentally sustainable project to raise awareness on SHER organizational golden rules. A specific line of degradable and non – degradable waste streams like paper, glass or plastic bottles and aluminum cans were identified as some of the significant waste streams that are readily available to recycle. The below pictures show another waste stream receptacle specifically designed for offices inside buildings.



Figure 3. (a)



Figure 3. (b)



Figure3. (c)

Awareness campaigns, using theme focused messages like desktop screen messages, pre shift SHER tool box talks, SHER meetings and SHER inductions sessions are conducted to cascade the message to the general workforce. The campaign project gains momentum each day because senior management team is also supporting the initiative ever since the official launch at the head office.

In spite of the positive milestones, a number of points have been noted for continual improvement. Mixing of waste streams has observed in the bulk bags. In most cases, waste is disposed as a matter of convenience without necessarily exercising segregation and paying attention to the displayed colour codes or taking precaution of where one is disposing to. These are peculiar behavioral attributes that training and development should instill among the BPC workforce in an endeavor to achieve zero harm through

sustainability drive.

At some waste collection stations, waste bags are not covered. Waste paper is therefore easily blown off and affected by weather inclement, hence compromising the quality of the material to be recycled. As a response to this nonconformance, plans are underway to remedy the challenges and to maximize returns on investment.

Below is an example of office paper collection boxes another remedy to mitigate against observed non conformances,



Figure 4. Office paper collection boxes