

JAN 21 2016

To whom it may concern ;

OCCUPATIONAL SAFETY AND HEALTH  
STANDARDS BOARD

My name is Miguel Bazan , I am a product Developer and have been in the construction field for 35 years as worker , supervisor and now superintendent for a general contractor .  
Since I started construction I noticed the Porta potties rules and regulations have improved throughout the years , now with handwash stations , hand sanitation lotions , toilet seat covers .  
It's now 2016 building code have improved everything is being built bigger better and expect worker to do this faster , with this said workers are working longer hours or working 7 days a week to be on top of schedule , but not Alot of companies really dont care of the employees.

This is when OSHA jumps in and looks into making the workplace better and safer for the workers , as I mentioned working longer hours can and will add stress and HEAT EXHAUSTION to workers , many worker seek refuge in the Porta potties to rest and hide from their superiors but what they find inside the potty , most of the time temperature inside the potty is 10-20 degree higher than outside , this is a Hazzard to the employee and can overheat , get heat cramps , muscle cramps , tiredness , dizziness, headache, nausea , vomiting and fainting , if the worker is inside the potty with the door locked , getting exposed to more heat , this can leads to death without anyone notice ,

United States Department Of Labor has a P.E.L (Permissible Exposure Limits ) , OSHA also has a T.L.V. (threshold limit value ) this is for Dangerous levels of methane or ammonia in the air , T.L.V. refer to airborne concentration of chemical substance and present conditions wich nearly all workers may be repeatedly be exposed day after day over a working lifetime , In simple words when this HOT BOX (Porta potties ) are at the job sites and worker are working long hours , using the potty at least 3 times a day , just think what happens to all the raw sewage when it sits at 80-100° temperature , how much pollution that's in the air and we are all breathing it .

This is why I came up with the SOLAR POWERED 50 CFM porta potty bathroom exhaust fan .  
You have 3 options of housing ;  
ABS , METAL , AND STAINLESS , all the housing can be powdered coated any color , they all come with 50 cfm motor fan , no tools required to install , simply insert the solar powered fan onto the existing 4" vent on top of the potty , instantly the fan will start working and sucking out bad odor , and Heat , this will allow new air to enter into the potty through the existing vents on side of the potty and get proper air movement for a better , safer more comfortable to use potty.

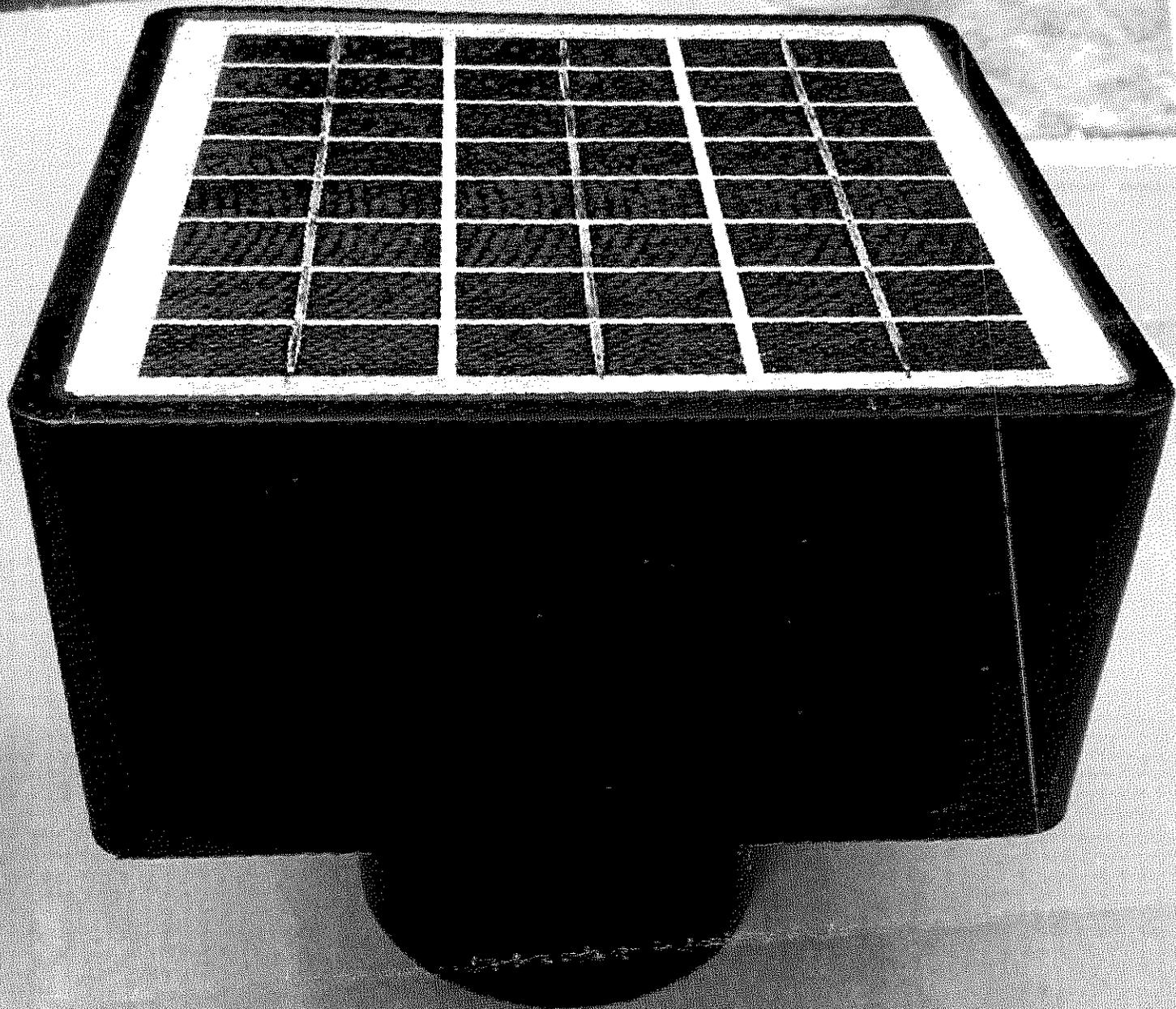
I also make a solar powered Porta potty exhaust fan with battery for the night crew workers .  
This solar powered fan will work during the day using the sun to power the fan and same time use the sun to charge up the batteries that are inside the housing, this will allow the fan to work at night when the sun is no longer available ,  
This fan also comes with a motion sensor to opt-in as much battery power to last all night long , this motion sensor will allow the fan to work when the door is opened and there is motion in the potty, once the worker leaved the potty the fan will work for another 10 min. Then turning off to ensure the next worker of a good potty , once the worker enters the potty again the fan will start to work .

I created this potty exhaust fan myself during a visit to one of my job sites ,  
Outside temperature was 105° in the valley, inside the potty was 120° , I had to remove all my clothes because it felt like I was in a sauna , the 10 min. I was in that potty felt like 45 min.  
I nearly fainted and walk out of the potty exhausted and wet with sweat ,  
The worst part about my experience is NO One notice I was going through this , so this made me think of all my fellow workers that have told me in the past that they have a headache, walked out of the potty vomiting or cramped up, dizziness and not wanting to go up the ladder or scaffold, I wonder if they were going through heat exhaustion by going into the hot potty.

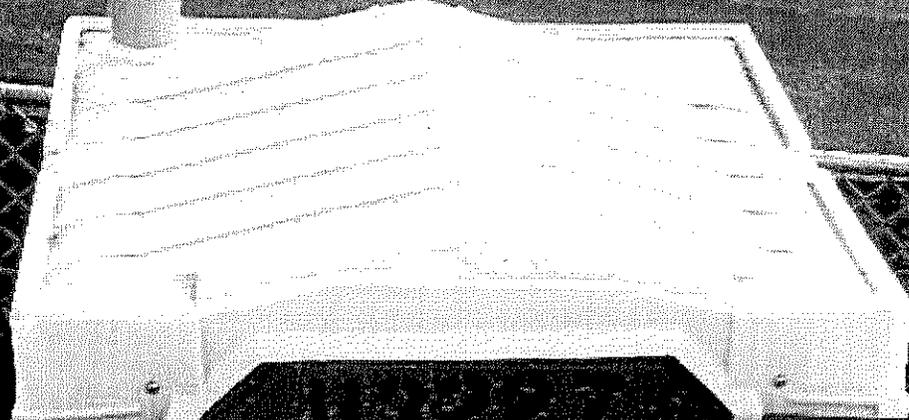
I installed one of my solar fan on my job site to see if anyone notice the difference, needless to say they all notice , at the end of the week I asked all my crew and they said the potty had a better smell and there was no heat , they suspects that I told the potty co. to clean it daily at the end of the day , they were amazed how well the solar fan worked and asked why all Porta potties co. don't have it on .

Please allow me to join your monthly board meeting and see if this can be something to consider making a OSHA required item .

Thank You  
Miguel Bazan  
562)544-0188







SOLAR FAN

