



# The Nigerian Society of Engineers

## PORT HARCOURT BRANCH



e-newsletter

2014 / VOLUME 207

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APRIL 26, 2014

### Interview with Engr. Abbas Isola MNSE on Maintenance in Engineering

*Engr. Abbas Isola MNSE, is an Executive Committee member of the Nigerian Society of Engineers at the national level.*

**E-Newsletter:** *Sir, what can you tell us about maintenance in engineering?*

**Engr. Abbas:** Engineering basically is about development and improvement. It is about continuity in development. When we talk about maintenance, it is what you do first to make sure a system is working. Maintenance is basically classified into preventive and corrective. When we talk about preventive maintenance, we are talking about preventing abrupt stoppage of a process that is obviously working. We talk about corrective maintenance in a situation where we already have a system break down. When you want to prevent a break down you have to do prevent maintenance and it depends on the actual area you are looking at. When you're talking of preventive in mechanical industry you will focus on issues like lubrication, making sure that the systems are functioning as they should, servicing the systems as they should and taking care of little details that may prevent the system from continuous working. When we talk of corrective maintenance, it has to do with aspects of what people refer to as repairs. We have road mechanics overhauling vehicles that are broken down and this is referred to as corrective maintenance.

**E-Newsletter:** *Do we really carry out engineering maintenance here?*



Engr. Abbas Isola

**Engr. Abbas:** In this part of the world we take things for granted, we don't normally put enough interest in maintenance. It is not part of our culture, it is something we have to develop because if you don't maintain anything it will eventually get grounded and when it gets grounded it is you that will suffer it. If you have a road and you're not doing maintenance on the road it will break down, if you have a vehicle and you're not maintaining it properly at the right time, the vehicle will break down. If you have an equipment and you don't know details of lubrications, cleaning and changing of materials when they are necessary before the thing breaks down, the thing will eventually break down. So maintenance should be an essential part of us but in this part of the world we don't normally care about maintenance.

**E-Newsletter:** *What measure do you think we can take to carry out effective preventive maintenance in our society?*

**Engr. Abbas:** The measure we will take when we want to carry out preventive maintenance is to make sure that we understand the system and know how the system functions. That is why we have to engage engineers that knows how the system works. When you know how the system works you can envisage what could eventually make it not to work or could reduce its efficiency.



The Nigerian Society of Engineers Port Harcourt Branch general meeting for the month of April was held on Thursday 24th April 2014 at Engr. Ishmael A. Banigo secretariat, Water Works Yard, #3 Bernard Carr Street, Port Harcourt. There was a presentation by Engr. Denis A. A. Dania FNSE, on Bye-Laws for Branches of the Nigerian Society of Engineers.



**World Engineering Conference on Sustainable Infrastructure,**  
2nd - 7th November 2014, Abuja-Nigeria.

**Theme:** *Development of Sustainable Infrastructure in Africa*  
<http://www.wecsi2014.org>





# WECSI 2014

World Engineering Conference on Sustainable Infrastructure  
2<sup>nd</sup> -7<sup>th</sup> November | ICC, Abuja, Nigeria | [www.wecsi2014.org](http://www.wecsi2014.org)



 WFO/FMOI
  **The Nigerian Society of Engineers**

Participants Type	Early Bird Registration 1st March – 15th September 2014	Late/Onsite Registration 16th September – 20th October 2014
Nigerian participants	N30,000.00	N40,000.00
International participants	\$500.00	\$600.00
Student members	N2,500.00	N2,500.00/\$200
Graduate Members	N5000.00	N5000.00
Guest/Spouses	N10,000.00	N10,000.00/\$100



**Interview with Engr. Abbass Isola ...**

When you want to prevent break down you have to study the equipment and follow the instructions. There is always manual attached to every system. When you are to lubricate an engine you have to make sure you use the right lubricant. When you want to replace parts in an engine, you have to make sure they are original parts so that you will not be using fake products. You need professionals who know the details of the equipments and who know what to be done at the right time.

**E-Newsletter:** *Thank you sir.*

**Photo left:** The Chairman of the Nigerian Society of Engineers Port Harcourt Branch Engr. Kombo Theophilus-Johnson MNSE (left), presiding of the general meeting of April 24, 2014.



Engr. Denis Dania FNSE making his presentation at the meeting



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**NOTICE! NOTICE!! NOTICE!!!**

All members of NSE Port Harcourt Branch should pay their Annual Branch Dues of N4,500 for Corporate Members and N6,500 for Fellows to UBA ACC. NO: 1000183629 (Port Harcourt Main Branch). Also pay National Annual Subscription of N9,000.00 for Corporate Members & N11,500 for Fellows directly to Main Street Bank ACC No. 6500374224 & forward all tellers to the secretariat for reconciliation. All payments should be made at the Bank