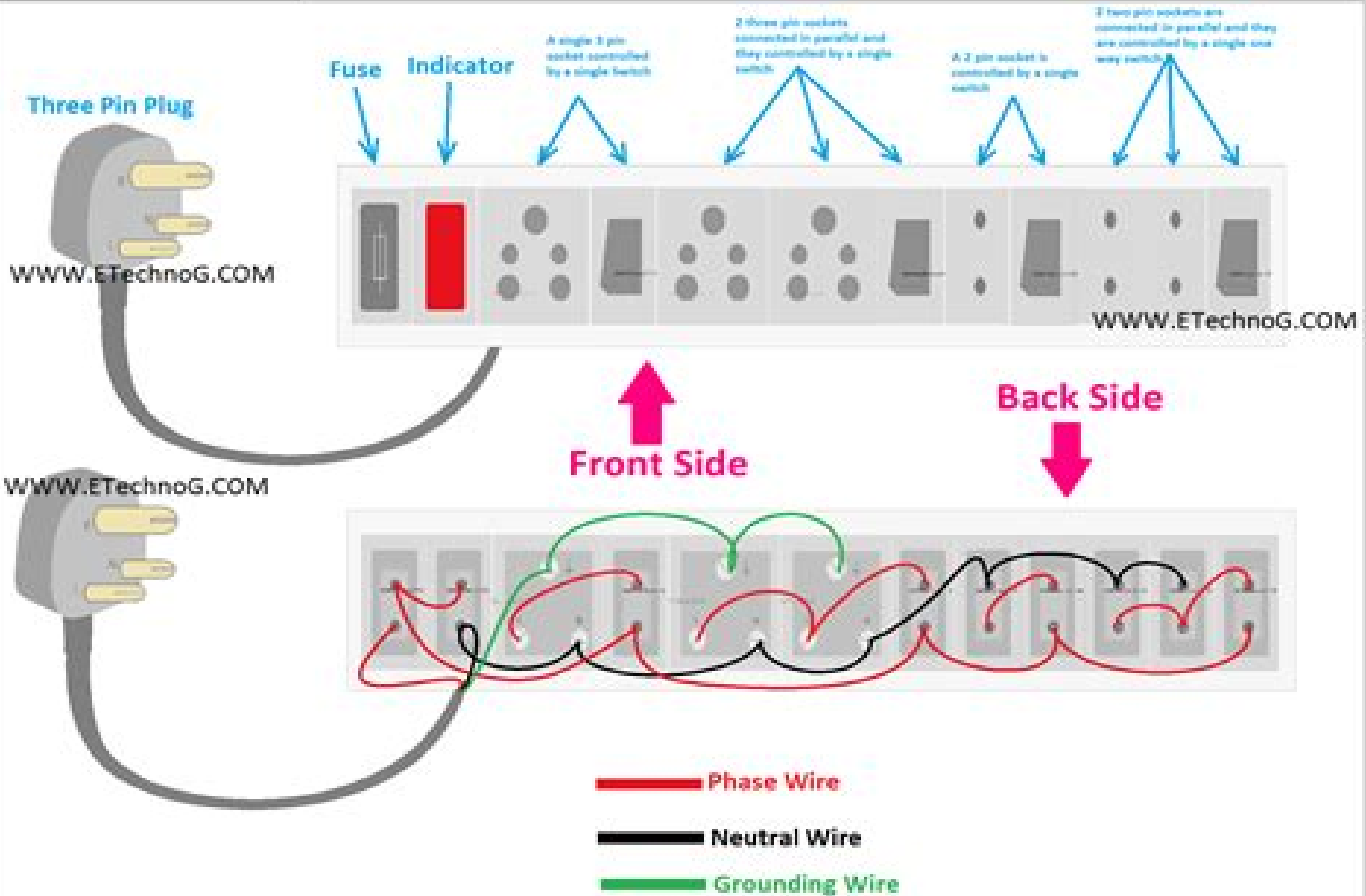


# Figure. 01

## Extension Board Connection Diagram and Wiring



# Wiring Diagram Of Extension Board

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effects from nuclear weapons Shotcrete is recommended because of the economic advantages gained from using a single lightweight form as opposed to the heavy double form required for conventionally placed concrete Effort was made to provide a balanced and versatile design which may be adapted to the specific needs of various commands Methods for the design of the basic structural components of the shelter are given including a method for estimating the relative displacement between the floor and the foundation when the structure is subjected to blast loading Simple yet adequate design procedures are given which are suitable for use in the design office

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web solution 1 the two half reactions balanced as if in acidic solution  $2\text{CN}^{-} + \text{Au} + \text{CN}^{-} + 2\text{e}^{-} \rightarrow 2\text{HCN} + 2\text{OH}^{-}$   $2\text{H}_2\text{O}_2 \rightarrow 2\text{H}_2\text{O} + \text{O}_2$  make electrons equal convert to basic solution  $4\text{CN}^{-} + 2\text{Au} + 2\text{Au} + \text{CN}^{-} + 2\text{e}^{-}$  multiplied by a factor of 2  $2\text{e}^{-} + 2\text{H}_2\text{O} \rightarrow \text{O}_2 + 2\text{OH}^{-}$  3 the final answer

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web aug 29 2023 the first step to balance any redox reaction is to separate the reaction into half reactions the substance being reduced will have electrons as reactants and the oxidized substance will have electrons as products usually all reactions are written as reduction reactions in half reaction tables

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web bonus problem here is a balanced net ionic equation  $3\text{Br}_2 + 6\text{OH}^- \rightarrow 5\text{Br}^- + \text{BrO}_3^- + 3\text{H}_2\text{O}$  the above equation takes place in two stages first bromine reacts with oh ions to form bromide ions and bro ions second the bro ions react to form bromide ions and bromate v ions

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web we can balance it for charge by adding two electrons to the right side of the equation so that the net charge on each side is 0 oxidation  $\text{Ni} \rightarrow \text{Ni}^{2+} + 2\text{e}^-$  now that the oxidation half reaction is balanced it tells us that two electrons are produced for every atom of nickel oxidized but where do those electrons go

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web balancing redox reactions in acidic solution problems 1 10 problem 1  $\text{Cr}_2\text{O}_7^{2-}$   $\text{Fe}^{2+}$   $\text{Cr}^{3+}$   $\text{Fe}^{3+}$  solution 1 balanced half reactions  $6\text{e}^-$   $14\text{H}^+$   $\text{Cr}_2\text{O}_7^{2-}$   $2\text{Cr}^{3+}$   $7\text{H}_2\text{O}$   $\text{Fe}^{2+}$   $\text{Fe}^{3+}$  e 2 equalize the electrons  $6\text{e}^-$   $14\text{H}^+$   $\text{Cr}_2\text{O}_7^{2-}$   $2\text{Cr}^{3+}$   $7\text{H}_2\text{O}$   $6\text{Fe}^{2+}$   $6\text{Fe}^{3+}$   $6\text{e}^-$  multiplied by a factor of 6

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web balance each half reaction in basic solution 4 5 6 7  $\text{Cr}_2\text{O}_7^{2-}$  2  $\text{NO}_2$   $\text{SO}_4^{2-}$  2  $\text{MnO}_2$   $\text{Cr}^{3+}$   $\text{NO}_3^-$   $\text{SO}_2$   $\text{Mn}_2\text{O}_3$  balance each redox reaction in acid solution using the half reaction method 8  $\text{H}_2\text{O}_2$   $\text{Cr}_2\text{O}_7^{2-}$  2 9  $\text{TeO}_3^{2-}$  2  $\text{N}_2\text{O}_4$   $\text{O}_2$   $\text{Cr}^{3+}$   $\text{Te}$  10  $\text{ReO}_4^-$  11  $\text{PbO}_2$   $\text{IO}_3^-$   $\text{I}_2$   $\text{Pb}^{2+}$  12  $\text{AsO}_3^{3-}$   $\text{IO}_3^-$   $\text{Re}$   $\text{IO}_3^-$   $\text{H}_2\text{AsO}_4^-$

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web practice exercises balance the following equations of redox reactions assign oxidation numbers to all elements in the reaction separate the redox reaction into two half reactions balance the atoms in each half reaction add the two half reactions together and cancel out common terms

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web aug 29 2023 some points to remember when balancing redox reactions the equation is separated into two half equations one for oxidation and one for reduction the equation is balanced by adjusting coefficients and adding  $\text{H}_2\text{O}$   $\text{H}^+$  and  $\text{e}^-$  in this order balance the atoms in the equation apart from o and h

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web in the redox equation below that occurs in our stomach which of the following pairs identifies the reducing and oxidizing agents respectively  $\text{C}_6\text{H}_8\text{O}_6$   $2\text{H}_2\text{NO}_2$   $\text{C}_6\text{H}_6\text{O}_6$   $2\text{H}_2\text{O}$   $2\text{NO}$  choose 1 answer  $\text{C}_6\text{H}_8\text{O}_6$  and  $\text{NO}_2$  a  $\text{C}_6\text{H}_8\text{O}_6$  and  $\text{NO}_2$  no 2 and  $\text{C}_6\text{H}_8\text{O}_6$  b  $\text{NO}_2$  and  $\text{C}_6\text{H}_8\text{O}_6$  h and  $\text{NO}_2$  c h and