Model Curriculum for Recognition of Prior Learning (RPL)

Vriksh Sanrakshak

Sector: Agriculture
Sub Sector: Forestry, Environment and Renewable Energy Management
Occupation: Agro-Forestry Management
QP Code: AGR/Q6107
Version: 1.0
NSQF Level: 4

Vriksh Sanrakshak

CURRICULUM / SYLLABUS

This program is aimed at training to Recognition of Prior Learning (RPL) candidates for the job ofa "Vriksh Sanrakshak", in the "Agriculture" Sector/Industry and aims at building the following key competencies amongst the learners

Program Name	**Vriksh Sanrakshak**
Qualification Pack Name & Reference ID.	AGR/Q6107
Version No.	1.0
Pre-requisites to Training	"Min. Educational Qualification: 12th grade pass OR Completed 2nd year of 3-year diploma (after 10th) and pursuing regular diploma OR 10th grade pass plus 2-year NTC OR 10th grade pass plus 1-year NTC plus 1 year NAC OR 8th pass plus 2-year NTC plus 1-Year NAC plus CITS OR 10th grade pass and pursuing continuous schooling OR 10th Grade Pass with 2 years of relevant experience OR Previous relevant Qualification of NSQF Level 3.0 with minimum education as 8th Grade pass with 3 years of experience OR Previous relevant Qualification of NSQF Level 3.5 with 1.5 year of experience Age: 18 Years
Training Outcomes: Orientation and Soft Skill	After completing this programme, participants will be able to: • Identify personal strengths and value systems: safe work habits, achievement motivation, time management, anger management, stress management. • Prepare for employment and self-employment: preparing for an interview, effective resume writing, basic workplace terminology. • Illustrate the basics of entrepreneurship and identify new business opportunities • Develop personality and learn general ethics and discipline • Learn about health and safety hazards and hygiene at work place • Learn effective communication skills • Learn about importance of RPL certification and process of assessment

Training Outcomes: Bridge Course	**After completing this programme, participants will be able to:** • Demonstrate the process of planning and planting trees, woody plants and shrubs. • Demonstrate the process of performing pest, disease and nutrient management of trees, woody plants and shrubs. • Demonstrate the process of carrying out pruning, felling and other maintenance activities. • Describe the process of performing general maintenance of trees. • Demonstrate various practices to ensure health and safety at work.

Orientation and Soft Skill Details

Sr. No.	Module	Key Learning Outcomes	Equipment Required
A.	**Orientation, General Discipline, doubts/gaps in Domain Training and Health and Safety**		
1.	**Orientation, General Discipline, doubts/gaps in Domain Training and Health and Safety** **Theory Duration** **(hh:mm)** **06:00** **Practical Duration** **(hh:mm)** **00:00**	• Domain Training (clarifying any doubts/gaps regarding Job Role) • Understanding Qualification Packs, NOS • Understanding about NSQF framework and applied level descriptors • Understand skill development ecosystem, roles of various stakeholders • Recognize the importance of general discipline in the classroom (dos and don'ts) • List expectations from the program • Outline the objectives of the RPL and importance of skill and certification • Identify risks to health and safety at the workplace and measures to be taken to control them	White Board, Marker, Laptop, projector,
B.	**Soft Skills and Entrepreneurship Tips specific to the Job Role**		
1.	**Entrepreneurship** **Theory Duration** **(hh:mm)** **02:00**	• Discuss the concept and significance of entrepreneurship and the characteristics of an entrepreneur • List the traits of an effective team and team dynamics • Resolve problems by identifying important problem-solving traits • Discuss how to identify new business opportunities within your business • Follow the entrepreneurial process and explain the entrepreneurship ecosystem • Identify key schemes of the govt. and banks to promote entrepreneurship • Define the relationship between entrepreneurship and risk appetite and entrepreneurship and resilience • Importance of book keeping and accounts management. • Understand market dynamics and value chain of agri products. • Understanding formation of cooperatives, FPO, FPC and enterprise creation	Laptop, white board, marker and projector, SWOT activity: pen and paper individual exercise, charts, coloured pens, Group Activity: poster making on entrepreneurship ecosystem. Activity: SMART Goal writing

2	**Personal Strengths and Value Systems** **Theory Duration** **(hh:mm)** **01:00** **Practical Duration** **(hh:mm)** **00:00**	• Self- Improvement, inculcate leadership qualities. • Importance of Discipline in managing small business. • Discuss how to maintain a positive attitude • List your strengths and weaknesses • Describe the importance of honesty in entrepreneurs • Discuss the benefits of time management and applied techniques • Apply tips for anger management and stress management • Effective interpersonal skills, listening and speaking skills.	Workbook exercises on health standards, Laptop, activity on strengths and weaknesses, white board, marker, projector
3	**Preparing for Employment and Self-Employment** **Theory Duration** **(hh:mm)** **01:00** **Practical Duration** **(hh:mm)** **00:00**	• Follow the steps to prepare for an interview • Create an effective Resume • Conduct mock interviews • Identify the most frequently asked interview questions and how to answer them	Laptop, white board, marker, projector, sample CVs, Mock interviews, role plays, role play briefs, FAQs, quiz on basic workplace technologies.
C.	**Familiarization with Assessment Process and Terms**		
1	**Familiarization with Assessment Process and Terms** **(hh:mm)** **02:00**	• Familiarization about assessment process • Understanding the need of assessment • Preparation tips for assessment • Doubt clearance session	
	Total Duration: **Theory Duration** **(hh:mm)** **12:00** **Practical Duration** **(hh:mm)** **00:00**	Laptop, white board, marker and projector, SWOT activity: pen and paper individual exercise, charts, coloured pens, Group Activity: poster making on entrepreneurship ecosystem.Activity: SMART Goal writing	

Bridge Course Details

This course encompasses 06 out of 06 National Occupational Standards (NOS) of "Vriksh Sanrakshak" Qualification Pack issued by "Agriculture Skill Council of India".

Module 1: Introduction to the role of a Vriksh Sanrakshak

Mapped to AGR/N6135 v1.0

Terminal Outcomes:

- Discuss the job role of Vriksh Sanrakshak.

Duration: 01:00	**Duration: 0:00**
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Describe the size and scope of the agriculture industry and its sub-sectors. • Discuss the role and responsibilities of a Vriksh Sanrakshak. • Identify various employment opportunities for a Vriksh Sanrakshak.	
Classroom Aids	
Training Kit - Trainer Guide, Presentations, Whiteboard, Marker, Projector, Laptop, Video Films	
Tools, Equipment and Other Requirements	
NA	

Module 2: Process of planning and planting trees, woody plants and shrubs

Mapped to AGR/N6135 v1.0

Terminal Outcomes:

- Explain the process of selecting the site and tree/woody plant/shrub species.
- Describe the process of preparing the layout and arrange the resources.
- Describe the process of preparing the site for planting.
- Demonstrate the process of planting trees, woody plants and shrubs.
- Demonstrate the process of setting up stakes, support and windbreaks.

Duration: 05:00	**Duration: 06:00**
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Elucidate the scope and nature of arboriculture or vriksh sanrakshan. • Explain the basics of horticulture. • Explain different types of plant and tree species, e.g. deciduous trees (maple, birch betula, ash, oak, etc.). • Explain the biology of trees, i.e. photosynthesis, respiration, transpiration, vernalization, etc. • Discuss the identification of different types of native and exotic plant and tree species. • Explain different types of soils suitable for a variety of trees. • Discuss the structures of different types of soils. • Describe the process of identifying the appropriate spots at the recommended planting density for planting trees, woody plants and shrubs to ensure their optimum growth. • List different species of trees, woody plants and shrubs suitable for growing in different climate zones and soil conditions. • State the criteria to identify the appropriate tree species to be grown in different agro-climatic zones. • State the criteria for establishing a tree plantation at a specific site, considering the site restrictions,	• Prepare a sample layout planning the placement of varieties of trees, plants and shrubs to ensure aesthetics and no obstructions and disruptions to utilities. • Demonstrate the process removing any debris and digging holes of the recommended dimensions. • Demonstrate the process of applying the recommended organic and inorganic fertilizers in the holes before planting. • Show how to prepare seed balls for the relevant seed varieties to aid their handling and germination. • Demonstrate the process of propagating tree seedlings/ saplings following the appropriate propagation methods. • Demonstrate the process of planting the selected trees, woody plants and shrubs appropriately, maintaining the planned planting density. • Demonstrate the process of transplanting the tree seedlings/ saplings taking the appropriate precautions to ensure their survival. • Show how to apply the recommended organic or inorganic fertilizers to the trees, plants and shrubs immediately after planting. • Demonstrate the process of installing stakes to train the growth of trees,

costs, functions, etc. • Describe the process of designing tree plantations, considering the factors such as the soil profile, climate suitability for selected tree species, the influence of trees on buildings and utilities, etc. • Explain the importance of checking trees, plants and shrubs while procuring them to ensure they are free from pests and diseases. • State the recommended temperature and humidity for storing the procured trees, woody plants and shrubs. • Explain different seed propagation techniques. • Elucidate how to propagate the appropriate tree varieties in a nursery and how to maintain the nursery stock. • Discuss the relevant plant establishment programs. • State the environments hostile to tree growth. • Explain the process of preparing organic fertilizers, such as manure and Farm Yard Manure (FYM), using green and animal waste. • Discuss the importance of prioritizing the use of organic fertilizers over inorganic fertilizers • Explain the importance of using inorganic fertilizers judiciously to maintain the soil health. • Elucidate the appropriate care to be provided after planting to help plants and trees establish. • Describe the process of planting advanced-sized trees and bare-rooted plants. • Describe the process of transplanting trees and the use of tree guards. • Explain the benefits of planting fire, acid, saline and frost-resistant trees.	plants and shrubs. • Demonstrate the process of setting up appropriate support/aids to train plants into decorative shapes. • Demonstrate the process of planting appropriate types of trees as windbreaks to protect young and tender plants from strong winds. • Show how to create pergolas around plants for improved support. • Demonstrate the process of installing decorative tree guards. • Demonstrate the process of setting up lacy ironwork trellis or wooden lattice for climbers. • Demonstrate the process of installing appropriate support to provide support to heavy and large trees.

• Explain the importance of planting hardy trees in city areas. • Explain the importance of ensuring efficient drainage of water to prevent waterlogging at the planting spots. • Explain the importance and process of installing appropriate support such as stakes to train the growth of trees, woody plants and shrubs as desired. • Explain how to protect the planted trees, plants and shrubs from strong winds, extreme heat/ cold and astray animals. • List the key consideration for choosing the right tree for the site to maximize its benefits. • List various essential tree nutrition required for their optimum growth. • Discuss general horticulture practices, such as seedbed/nursery bed preparation, sowing/planting varieties of seeds/plants, fertilizer and pesticide application, weeding, training, pruning, etc. • Provide a brief introduction to practices, such as garden management, park management, land rehabilitation, etc. • Explain different types of soil appropriate for growing trees. • Explain the importance of installing windbreaks, different types of windbreak designs. • Explain how to support a heavy crop of flowers or fruit.	

Classroom Aids
Training Kit (Trainer Guide, Presentations). Whiteboard, Marker, Projector, Laptop
Tools, Equipment and Other Requirements
Temperature monitoring device, Fertilizer, Pesticide, Blocks and pulleys, Light and heavy-duty slings, Friction brakes, Rigging plates etc.

Module 3: Process of performing pest, disease and nutrient management of trees, woody plants and shrubs

Mapped to ARG/N6136 v1.0

Terminal Outcomes:

- Demonstrate the process of performing pest and disease management.
- Demonstrate the process of performing soil, nutrient and irrigation management.

Duration: 06:00	**Duration: 06:00**
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Explain the basics of tree and plant anatomy and taxonomy, plant pathology, and soil science. • Discuss the applicable arboriculture, horticulture, and landscaping practices and methods. • Elucidate the importance and process of examining trees, plants and shrubs regularly to identify pest, insect and disease infestation. • Explain different classifications of insects and the relevant control measures. • State the control measures for the relevant non-insect pests. • Explain the importance of conducting regular tree and soil inspections, and observing trees growing in a wide variety of conditions for relevant problems. • Elucidate different types of health problems experienced by trees and appropriate treatments for them. • Explain the importance of examining trees, plants and shrubs regularly to identify pest, insect and disease infestation. • List the symptoms of infestation by different types of pests, insects and diseases that affect trees, woody plants and shrubs, such as blight and fungal infection. • Describe the process of diagnosing tree problems.	• Demonstrate how to conduct a pre-work inspection to identify biotic hazards, such as bees and poisonous plants and take appropriate preventive measures. • Show how to remove termite infestation from trees. • Demonstrate the process of applying the recommended pesticides and insecticides to trees, plants and shrubs as per the prescription, using the relevant tools, equipment and Personal Protective Equipment (PPE). • Prepare a sample manual and/or electronic record concerning the use of pesticides in the physical registers and the relevant computer application. • Demonstrate the process of applying the recommended treatment in the soil to adjust the pH level. • Demonstrate the process of checking the pH levels in the soil using a pH meter and applying the recommended treatment to adjust the pH level.

• State the appropriate treatment for heat stress, frost damage and bark wounds. • Explain the ecology of soils and plant health. • Describe the process of determining the damage caused to trees by pests and insects and whether they can be saved through treatment or need to be felled. • Explain the benefits and potential risks of using different types of pesticides. • Discuss the recommended practices to be followed to prevent adverse effects of pesticides in the surroundings of trees, plants and shrubs. • Explain how to deal with chemical poisoning. • State the recommended level of moisture to be maintained in the soil for the healthy growth of trees, woody plants and shrubs. • Explain how to balance soil composition and maintain correct moisture levels through watering and training. • Explain the importance of ensuring efficient drainage around trees, plants and shrubs to prevent damages caused by waterlogging. • Explain the importance of monitoring and maintaining the appropriate soil conditions for the healthy growth of trees, plants and shrubs. • Describe the process of getting the soil tested by an approved soil testing lab and applying the prescribed treatment to maintain the required macro and micronutrient levels. • List the appropriate organic and inorganic fertilizers to be applied to a variety of soils for the healthy growth of trees, plants and shrubs. • State the recommended irrigation	

schedule for different species of trees, woody plants, and shrubs. • Explain the importance of applying the recommended organic and inorganic fertilizers to the soil in the recommended quantity for the healthy growth of trees, plants and shrubs. • Explain the main characteristics of common tree genera and the terminology needed for their identification. • Explain various biotic and abiotic disorders relevant to arboriculture. • Explain how to diagnose different types of disorders in trees and the appropriate treatment to be given for them. • State basic tree nutrition requirements. • List the appropriate fertilizers for trees and different fertilizer application methods. • Explain the need and process of pruning trees. • Explain the requirement of training different types of trees and plants and the use of different types of training materials. • Elucidate the symptoms of different types of pest and disease infestation in plants and trees and the appropriate organic and inorganic control measures. • Explain the symptoms of pest infestation in different types of plants and trees, and the appropriate organic and inorganic control measures. • Explain the biological control measures for tree pests and diseases. • Explain the use of various equipment for tree maintenance. • Explain tree injection technique and its applications.	

• Describe the process of analyzing different specimens of mature trees from each different genera to detect any patterns in problems occurring in those trees. • State the appropriate stage of tree growth for the application of fertilizers. • Explain the advantages and disadvantages of various fertilizer application methods. • Discuss the potential damage lightning may cause to trees and the techniques for installing appropriate protection. • List the appropriate measures to be taken to foster tree stability and health in the urban landscape. • Discuss the appropriate planting techniques crucial for tree survival, establishment, and longevity. • Discuss the arboriculture pest management techniques. • Discuss the arboriculture plant health and pest control practices. • Explain how urban soils can limit root growth and development, and how soils can be improved to foster tree growth. • Discuss how soil structure and the environment affect water availability for trees. • Discuss the strategies to be adopted to protect trees during construction. • Explain the basic principles of tree risk assessment.	
Classroom Aids	
Training Kit (Trainer Guide, Presentations). Whiteboard, Marker, Projector, Laptop	
Tools, Equipment and Other Requirements	
Saw scabbards, Landscaping tools, Pruners, Chainsaws, Wood chippers etc.	

Module 4: Process of carrying out pruning, felling and other maintenance activities

Mapped to AGR/N6137 v1.0

Terminal Outcomes:

- Demonstrate the process of carrying out pruning and felling activities.
- Demonstrate the process of carrying out bracing, cabling, bolting and tree surgery.
- Explain the importance of ensuring safety in arboriculture operations.
- Demonstrate the process of carrying out regular maintenance activities.

Duration: 06:00	**Duration: 06:00**
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Describe the process of determining the requirements of pruning trees, plants and shrubs. • Describe the process of assessing threats posed by trees and their root systems to buildings, public access routes, and utilities such as power lines and buildings, and identifying the trees to be removed basis the assessment. • List the relevant documentation to be carried out with respect to the assessment of possible dangers presented by trees. • Explain the use of the relevant accessories such as ropes, harnesses, ladders and PPE for climbing trees, and the importance of checking them for safety before use. • Explain the importance and process of using the relevant PPE during various arboriculture activities. • Explain how to ensure the protection of co-workers and passers-by while working on trees. • Describe the process of determining the need to remove treetops or large branches from treetops and carrying out tree topping. • Discuss the recommended safety practices to be followed while removing fallen, storm-damaged or unwanted trees.	• Demonstrate the process of carrying out appropriate documentation regarding the assessment of possible dangers presented by trees. • Demonstrate the process of setting up necessary safety signs around the worksite. • Show how to prune trees, plants and shrubs and remove the dead/ diseased/ declining ones using the relevant hand and power tools and equipment, such as pruning shears or chainsaw. • Demonstrate the process of carrying out tree topping using the appropriate tools and equipment. • Show how to remove stumps of the removed/ felled trees. • Demonstrate the process of carrying out backfilling after uprooting any trees, plants, and shrubs. • Show how to remove weeds growing in the vicinity of the grown trees, plants and shrubs. • Demonstrate the process of carrying out bracing by bolting metal rods to prevent two branches from splitting apart. • Demonstrate the process of carrying out cabling by attaching a steel cable between two branches to restrict their movement.

• Explain the use of relevant arboriculture tools and equipment, such as a chainsaw, chipper, stump grinder, mower, brush-cutter, pruner, trimmer, mulcher, etc. • Describe the process of root pruning. • Explain the use of relevant arboriculture tools and equipment, such as a chainsaw, chipper, stump grinder, mower, brush-cutter, pruner, trimmer, mulcher, etc. • Explain different ways to control roots that invade underground pipes and wires. • Explain how to calculate the cost of removing a tree. • Explain the importance of planning pruning cuts appropriately and safely as per pruning standards. • Describe the process of sectional or clear-felling and tree removal. • Explain the importance and process of backfilling after uprooting a tree. • Describe the process of rehabilitating degraded sites. • Explain the effects of plants and trees on degraded sites. • Explain how to improve safety around large, heavy and potentially hazardous tree limbs. • Explain the appropriate measures to be taken to preserve old and valuable trees. • Describe the process of turf management. • List the varieties of weeds found growing around trees, woody plants and shrubs and the process of removing them. • Describe the process of identifying weeds and controlling them following the appropriate control measures. • Explain the use of the recommended organic and inorganic fertilizers to the soil in the recommended quantity for	• Demonstrate the process of carrying out bolting to support split trunks or branches, and maintain tree limbs apart that may rub against each other. • Demonstrate the process of installing props of timber logs or metal stakes with padded supports under the fruiting tree branches. • Demonstrate the process of performing tree surgery, taking the appropriate precautions. • Demonstrate the process of applying any harmful chemicals, such as pesticides, use the relevant PPE. • Demonstrate the use of manual and power tools and equipment, e.g. chainsaw, safely as per the manufacturer's instructions. • Demonstrate the process of carrying out tree topping using the appropriate tools and equipment. • Demonstrate the process of carrying out groundwork using the chainsaw and chipper. • Demonstrate the process of carrying out minor repair and maintenance of the relevant tools and equipment as per the manufacturers' instructions.

the healthy growth of trees, plants and shrubs. • Explain the relevant groundwork carried out around trees. • Discuss the appropriate turf management practices carried out around trees, woody plants and shrubs. • Discuss various potential threats presented by trees and their roots to surrounding structures and utilities. • Explain the most common safety incidents in arboriculture operations, such as falling from trees or injuries caused by power tools and how to avoid them. • Explain the characteristics of various rope constructions materials. • Explain how to make the best rope selection and perform rope maintenance. • Elaborate different tree support mechanisms, such as cabling, bracing, and guying. • Explain the use of climbing gear and the effective climbing techniques. • Explain the tree strengthening operations. • Elaborate the best practices for rigging in arboriculture. • Discuss the appropriate safety standards, PPE, and other essential guidelines to help one deal with occupational hazards effectively.	
Classroom Aids	
Training Kit (Trainer Guide, Presentations). Whiteboard, Marker, Projector, Laptop	
Tools, Equipment and Other Requirements	
Winches, Power pullers, Ring slings, Cable hoists, Swivels, Rigging thimbles, Hand pruners, Tree loppers, Wood chippers, A variety of axes and wedges, Hedge trimmers etc.	

Module 5: Process of performing general maintenance of trees

Mapped to ARG/N6138 v1.0

Terminal Outcomes:

- Describe the process of performing tree cleaning.
- Describe the process of treating the physical damage on trees.
- Describe the process of treating tree poisoning and remove nails and tree guards.
- Elucidate ways to move trees and create and place nests on trees.

Duration: 05:00	**Duration: 06:00**
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Describe the process of performing the cleaning of trees and the appropriate cleaning solutions to be used • Explain how to assess physical damage on trees and treat them. • Describe the process of plastering tree branches and using the recommended treatment and aids. • State the recommended treatment to be applied to heal the tree parts with their bark removed. • Explain how to treat the cracks on trees. • Explain the symptoms of poisoning in trees and the appropriate treatment for treating it.	• Demonstrate how to remove mosses from trees. • Demonstrate the process of performing cleaning of trees using water and the appropriate cleaning solutions. • Demonstrate the process of applying the recommended treatment to heal the tree parts with their bark removed. • Show how to remove the nails using the appropriate tools and equipment, ensuring minimum damage to trees. • Show how to remove the outgrowth of sacred fig (peepal) tree from residential areas and re-transplant it in the appropriate places. • Show how to create nests and place them appropriately on trees.
Classroom Aids	
Training Kit (Trainer Guide, Presentations). Whiteboard, Marker, Projector, Laptop	
Tools, Equipment and Other Requirements	
Saw scabbards, Landscaping tools, Pruners, Chainsaws, Wood chippers, Tree loopers, Different types of axes and wedges, Hatchets, Hydraulic tools, Pole saws etc.	

Module 6: Hygiene and cleanliness

Mapped to NOS AGR/N9903 v3.0

Terminal Outcomes:

- Discuss how to adhere to personal hygiene practices.
- Demonstrate ways to ensure cleanliness around the workplace.

Duration: 00:30	**Duration: 00:30**
Theory – Key Learning Outcomes	**Practical – Key Learning Outcomes**
• Explain the requirements of personal health, hygiene and fitness at work. • Describe common health-related guidelines laid down by the organizations/ Government at the workplace • Explain the importance of good housekeeping at the workplace. • Explain the importance of informing the designated authority on personal health issues related to injuries and infectious diseases.	• Demonstrate personal hygiene practices to be followed at the workplace. • Demonstrate the correct way of washing hands using soap and water, and alcohol-based hand rubs. • Demonstrate the steps to follow to put on and take off a mask safely. • Show how to sanitize and disinfect one's work area regularly.
Classroom Aids:	
Computer, Projection Equipment, PowerPoint Presentation and Software, Facilitator's Guide, Participant's Handbook.	
Tools, Equipment and Other Requirements	
Personal Protective Equipment, Cleaning Equipment and Materials, Sanitizer, Soap, Mask	

Total Duration: **Theory Duration:** **(hh:mm): 23:30** **Practical Duration:** **(hh:mm): 24:30** **Grand Total Bridge Course Duration:** **(hh:mm): 48:00**	**Unique equipment required:** Climbing equipment (Ropes, pulley, sling, swivels etc), Pesticides, Fertilizer, Gum Boots, Insect Repellent, Tree Tagging Equipment (Tags, Labels, Markers, etc.), Climbing Gear (Helmet, Climbing Shoes, etc.), Safety Harness, Pruning Shears, Tree Pruning Saw, Measuring Tape, Video Recording Equipment, First Aid Kit

Grand Total Course Duration: 12 (Orientation session) + 48 (Bridge Course) = 60 Hours, 0 Minutes