

Farval®

SS2200 CONTROLLER

2501 AIRPORT ROAD
KINSDEN, N.C. 28501

FAULT CODES

- F1 System Fault Switch
- F2 Fault Time Reached
- F3 Cycle Switch Overcount
- F4-F5-F6 Controller Fault

PROGRAMMING STEPS

- P1 Idle Mode 0 = Time
1 = Counts
- P2 Idle Units 0 = min 1 = Hours
0 = x1 1 = x10
- P3 Idle Time/Counts 1 - 999
- P4 Fault Time 1 - 999 Minutes
- P5 Cycle Switch 1 - 99 Transitions
- P6 Pump Output 0 = Pulsed
1 = Continuous
- P7 Pulsed on time 1 - 99 Seconds
- P8 Prelube 0 = No
1 = Yes
- P9 Relay Normally 0 = De-Energized
1 = Energized
- P10 Controller 0 = Off
1 = On

IDLE



— IDLE MINUTES

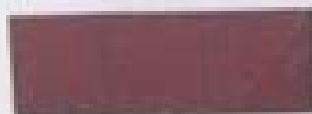
LUBE



— CYCLE SWITCH

— Press — FAULT MINUTES

FAULT



REMAINING

WARNING

DISCONNECT POWER
BEFORE REMOVING
THIS COVER

MANUAL
LUBE CYCLE



+



-



SELECT



Farval Ss22owners Manual

Helming



Farval Ss22owners Manual:

2016 Ford Escape Owner Manual Compatible with OEM Owners Manual, Factory Glovebox Book

Helming,2016-05-28 Owner Manual Compatible with 2016 Ford Escape - OEM Owners Manual, Factory Glovebox Book.

Helming,2016-10-14

Embark on a breathtaking journey through nature and adventure with is mesmerizing ebook, Natureis Adventure: **Farval Ss22owners Manual** . This immersive experience, available for download in a PDF format (Download in PDF: *), transports you to the heart of natural marvels and thrilling escapades. Download now and let the adventure begin!

<https://staging.conocer.cide.edu/public/scholarship/Documents/four%20generations%20population%20land%20and%20family%20in%20colonial%20andover%20massachusetts.pdf>

Table of Contents Farval Ss22owners Manual

1. Understanding the eBook Farval Ss22owners Manual
 - The Rise of Digital Reading Farval Ss22owners Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Farval Ss22owners Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Farval Ss22owners Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Farval Ss22owners Manual
 - Personalized Recommendations
 - Farval Ss22owners Manual User Reviews and Ratings
 - Farval Ss22owners Manual and Bestseller Lists
5. Accessing Farval Ss22owners Manual Free and Paid eBooks
 - Farval Ss22owners Manual Public Domain eBooks
 - Farval Ss22owners Manual eBook Subscription Services
 - Farval Ss22owners Manual Budget-Friendly Options

6. Navigating Farval Ss22owners Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Farval Ss22owners Manual Compatibility with Devices
 - Farval Ss22owners Manual Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Farval Ss22owners Manual
 - Highlighting and Note-Taking Farval Ss22owners Manual
 - Interactive Elements Farval Ss22owners Manual
8. Staying Engaged with Farval Ss22owners Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Farval Ss22owners Manual
9. Balancing eBooks and Physical Books Farval Ss22owners Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Farval Ss22owners Manual
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Farval Ss22owners Manual
 - Setting Reading Goals Farval Ss22owners Manual
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Farval Ss22owners Manual
 - Fact-Checking eBook Content of Farval Ss22owners Manual
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements

- Interactive and Gamified eBooks

Farval Ss22owners Manual Introduction

In today's digital age, the availability of Farval Ss22owners Manual books and manuals for download has revolutionized the way we access information. Gone are the days of physically flipping through pages and carrying heavy textbooks or manuals. With just a few clicks, we can now access a wealth of knowledge from the comfort of our own homes or on the go. This article will explore the advantages of Farval Ss22owners Manual books and manuals for download, along with some popular platforms that offer these resources. One of the significant advantages of Farval Ss22owners Manual books and manuals for download is the cost-saving aspect. Traditional books and manuals can be costly, especially if you need to purchase several of them for educational or professional purposes. By accessing Farval Ss22owners Manual versions, you eliminate the need to spend money on physical copies. This not only saves you money but also reduces the environmental impact associated with book production and transportation. Furthermore, Farval Ss22owners Manual books and manuals for download are incredibly convenient. With just a computer or smartphone and an internet connection, you can access a vast library of resources on any subject imaginable. Whether you're a student looking for textbooks, a professional seeking industry-specific manuals, or someone interested in self-improvement, these digital resources provide an efficient and accessible means of acquiring knowledge. Moreover, PDF books and manuals offer a range of benefits compared to other digital formats. PDF files are designed to retain their formatting regardless of the device used to open them. This ensures that the content appears exactly as intended by the author, with no loss of formatting or missing graphics. Additionally, PDF files can be easily annotated, bookmarked, and searched for specific terms, making them highly practical for studying or referencing. When it comes to accessing Farval Ss22owners Manual books and manuals, several platforms offer an extensive collection of resources. One such platform is Project Gutenberg, a nonprofit organization that provides over 60,000 free eBooks. These books are primarily in the public domain, meaning they can be freely distributed and downloaded. Project Gutenberg offers a wide range of classic literature, making it an excellent resource for literature enthusiasts. Another popular platform for Farval Ss22owners Manual books and manuals is Open Library. Open Library is an initiative of the Internet Archive, a nonprofit organization dedicated to digitizing cultural artifacts and making them accessible to the public. Open Library hosts millions of books, including both public domain works and contemporary titles. It also allows users to borrow digital copies of certain books for a limited period, similar to a library lending system. Additionally, many universities and educational institutions have their own digital libraries that provide free access to PDF books and manuals. These libraries often offer academic texts, research papers, and technical manuals, making them invaluable resources for students and researchers. Some notable examples include MIT OpenCourseWare, which offers free access to course materials from the Massachusetts

Institute of Technology, and the Digital Public Library of America, which provides a vast collection of digitized books and historical documents. In conclusion, Farval Ss22owners Manual books and manuals for download have transformed the way we access information. They provide a cost-effective and convenient means of acquiring knowledge, offering the ability to access a vast library of resources at our fingertips. With platforms like Project Gutenberg, Open Library, and various digital libraries offered by educational institutions, we have access to an ever-expanding collection of books and manuals. Whether for educational, professional, or personal purposes, these digital resources serve as valuable tools for continuous learning and self-improvement. So why not take advantage of the vast world of Farval Ss22owners Manual books and manuals for download and embark on your journey of knowledge?

FAQs About Farval Ss22owners Manual Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer web-based readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Farval Ss22owners Manual is one of the best book in our library for free trial. We provide copy of Farval Ss22owners Manual in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Farval Ss22owners Manual. Where to download Farval Ss22owners Manual online for free? Are you looking for Farval Ss22owners Manual PDF? This is definitely going to save you time and cash in something you should think about.

Find Farval Ss22owners Manual :

four generations population land and family in colonial andover massachusetts

fourier techniques and applications

frame-relay internetworking

framing the criminal crime cultural work and the loss of critical perspective 1830-1900

fragments of revolution

foxcor manufacturing company

four hazardous journeys of reverend jonathan blanchard founder of wheaton college

fourth inventory of computers in higher education an interpretive rep

~~fragments crystallized reflections on th~~

frail man

four lectures on relativity and space

foundations of nuclear engineering

foundstions of chemistry in the laboratory

foundations of practical magic an introduction to qabalistic magical meditative techniques

frame of mind issue one winter 2005

Farval Ss22owners Manual :

free mcculloch trimmer user manuals manualsonline com - Jun 03 2022

web garden product manuals and free pdf instructions find the user manual you need for your lawn and garden product and more at manualsonline

grass trimmer strimmer parts accessories mcculloch - Jan 10 2023

web with mcculloch s wide range of trimmer attachments you can turn your grass trimmer into a pole saw hedge trimmer and much more view large image saw blade view large image blower attachment view large image brushcutter attachment view large image cultivator attachment view large image

mcculloch 32cc trimmer service manual pdf download manualslib - Aug 17 2023

web view and download mcculloch 32cc trimmer service manual online 32cc string trimmer power head 32cc trimmer trimmer pdf manual download

how to videos articles mcculloch - Mar 12 2023

web grass trimmers watch these short videos to learn how to use and maintain your grass trimmer view grass trimmer how to s also check out user manuals find the correct user manual and illustrated parts list for your mcculloch product find a user manual service locator need to buy a new or replacement part for your machine

official mcculloch website the power to get the job done - Nov 08 2022

web mcculloch grass trimmers are packed with a range of useful features and they are all equipped with a powerful engine

view grass trimmers get the power to get the job done mcculloch offers a range of lawn mowers ride on mowers chainsaws and other garden power tools

user manuals official mcculloch website - Apr 13 2023

web product registration view and download the user manual for your mcculloch product

user manual mcculloch trimmac english 336 pages - Sep 06 2022

web view the manual for the mcculloch trimmac here for free this manual comes under the category grass trimmers and has been rated by 16 people with an average of a 7 4 this manual is available in the following languages english do you have a question about the mcculloch trimmac or do you need help ask your question here

mcculloch trimmer product support manualsonline com - Jul 04 2022

web manuals and free owners instruction pdf guides find the user manual and the help you need for the products you own at manualsonline mcculloch trimmer product support manualsonline com

mcculloch trimmer 28cc user guide manualsonline com - Apr 01 2022

web i am looking for a parts and user manual for the mcculloch i have a weed wacker mccullock model3270 problem that i operating manual instruction manual my lawn mower will not turn over when the string i

mcculloch trimmac lt25ncop operator s manual - Aug 05 2022

web view and download mcculloch trimmac lt25ncop operator s manual online trimmac lt25ncop trimmer pdf manual download

mcculloch trimmer user manuals download manualslib - Sep 18 2023

web download 284 mcculloch trimmer pdf manuals user manuals mcculloch trimmer operating guides and service manuals [om mcculloch trimmac 240 952715411 2007 03 trimmer](#) - Feb 11 2023

web shown in this manual s make carburetor adjustments with lower endsupportedtopreventlinefromcontact ing any object s keepothers awaywhenmakingcarburetor adjustments s use only recommended mcculloch accessories and replacement parts s have all maintenance and service not explained in

customer support official mcculloch website - Jul 16 2023

web customer support mcculloch products are built for reliable performance year after year but they do need care and maintenance sometimes new parts in order to function properly to find out what you need to do download our user

mcculloch trimmac 250 ls instruction manual pdf - May 14 2023

web view and download mcculloch trimmac 250 ls instruction manual online mcculloch trimmac 250 ls grass trimmer instruction manual trimmac 250 ls trimmer pdf manual download

mcculloch trimmac 240 manuals manualslib - Dec 09 2022

web we have 1 mcculloch trimmac 240 manual available for free pdf download instruction manual mcculloch trimmac 240 instruction manual 12 pages brand mcculloch category trimmer size 0 19 mb table of contents identification product view 2 safety rules 3 operator safety 3 unit maintenance safety 3 fuel safety 3 cutting safety 4

[mcculloch trimmac user manual en pdf carburetor](#) - Feb 28 2022

web factory user manual mcculloch petrol strimmer open navigation menu close suggestions search search en change language use only specified trimmer head this manual vespa et4 50 service manual manuale officina eng fabrizio barbato gt125 250 service manual

[user manuals official mcculloch website](#) - Oct 19 2023

web view and download the user manual for your mcculloch product

mcculloch 115145929 instruction manual pdf download manualslib - May 02 2022

web mcculloch corporation hedge trimmer instruction manual 1 2 3 4 5 6 7 8 9 table of contents 10 page of 10 table of contents bookmarks advertisement quick links x download this manual 7 carburetor adjustments 7 service and adjustments simplified version instruction manual important information gb sure you

mcculloch 32cc trimmer service manual manualzz - Jun 15 2023

web view online 18 pages or download pdf 1 mb mcculloch 32cc trimmer service manual 32cc trimmer pdf manual download and more mcculloch online manuals

mcculloch trimmac operator s manual pdf download manualslib - Oct 07 2022

web view and download mcculloch trimmac operator s manual online trimmac lawn mower pdf manual download also for lt25ncop

julián fueyo lagoon of forgotten dreams laguna de los - Sep 24 2022

web aug 6 2023 chords g7 c c7 f chords for julián fueyo lagoon of forgotten dreams laguna de los sueños olvidados chordify gives you the chords for any song make this rocktober count

la cueva de los sueños olvidados película ver online justwatch - Aug 24 2022

web sinopsis documental en 3d presentado en el festival de toronto 2010 filmado en la cueva de chauvet de francia considerada como uno de los mayores tesoros de la humanidad es una galería de arte natural con más de 400 pinturas rupestres de 32 mil años de antigüedad cast

la cueva de los sueños olvidados película ver online justwatch - Oct 26 2022

web la cueva de los sueños olvidados está en el puesto 17472 en los rankings diarios de streaming de justwatch hoy la película bajó 144 puestos en los rankings desde ayer en méxico en este momento es más popular que among the shadows pero menos popular que green lantern cuidado con mi poder

cueva de los sueños olvidados el asombroso documental de - May 21 2022

web cueva de los sueños olvidados el asombroso documental de werner herzog lara oliver la cueva de los sueños olvidados es una de las maravillas naturales más sorprendentes del mundo ubicada en el sur de francia esta cueva contiene algunas de las pinturas rupestres más antiguas y fascinantes que se han descubierto

sueños olvidados y otros relatos freeditorial - Mar 31 2023

web may 12 2017 descargar sueños olvidados y otros relatos gratis en formato pdf y epub descargar sueños olvidados y otros relatos de stefan zweig para kindle tablet ipad pc o teléfono móvil

explora la cueva de los sueños olvidados resumen del - Mar 19 2022

web la cueva de los sueños olvidados es una película documental dirigida por werner herzog que explora la cueva de chauvet pont d arc en francia una cueva que permaneció sellada durante más de 20 000 años y que fue descubierta en 1994

sueños olvidados youtube - May 01 2023

web feb 14 2018 about provided to youtube by dh1mediasueños olvidados juan torres y su organo melódicoromantiquísimo 1997 im music groupreleased on 2018 01 20main artist juan

sueÑos de olvido los diablitos letras com - Jun 21 2022

web llevaré en mis venas tu sangre mujer guardaré tus recuerdos también yo no puedo olvidarte y tal vez soñaré que te pude olvidar en mis venas tu sangre no está y tú vas a llorar llevaré yo llevaré en mi alma tu pasión soñaré yo soñaré ser feliz con otro amor buscaré yo buscaré en tu olvido mi razón

al olvido song and lyrics by los suenos spotify - Dec 28 2022

web los suenos song 2020 los suenos song 2020 listen to al olvido on spotify los suenos song 2020 sign up log in home search your library create your first playlist it s easy we ll help you create playlist let s find some podcasts to follow we ll

la cueva de los sueños olvidados película ver online justwatch - Jul 23 2022

web la cueva de los sueños olvidados ver online por stream comprarlo o rentarlo es posible alquilar la cueva de los sueños olvidados en apple tv online y comprarlo como descarga en apple tv dónde puedo ver la cueva de los sueños olvidados gratis

dreams i never had 2017 imdb - Jul 03 2023

web oct 6 2017 a teenage girl held captive in the home of a wealthy family develops a dangerous friendship with their gardener an illegal mexican immigrant their volatile relationship inspires them to rise up against the forces that oppress them directors iyad hajjaj mahmoud kamel writers iyad hajjaj lisa savy kauffman stars malcolm mcdowell

sueños de olvido los diablitos video letra sentir vallenato - Apr 19 2022

web nov 1 2021 23k 5 1m views 1 year ago losdiablitos sentirvallenato sueñosdeolvido suscríbete aquí bit ly 2ikqypy no pares de disfrutar de sueños de olvido un gran éxito de los diablitos

sueños de olvido los diablitos vídeo youtube - Nov 26 2022

web mar 11 2021 escucha este gran éxito de los diablitos titulado sueños de olvido te va a encantar suscríbete a nuestro canal aquí [goo gl 1z4y2d](#) encuentra el

la cueva de los sueños olvidados 360p on vimeo - Feb 27 2023

web this is la cueva de los sueños olvidados 360p by pablo felix pintos on vimeo the home for high quality videos and the people who love them

por qué olvidamos nuestros sueños xataka ciencia - Sep 05 2023

web jan 31 2006 en principio el olvido de los sueños parece ligado a la escasa carga emocional que tienen un buen porcentaje de ellos por esto y también quizás por ser de baja intensidad los sueños son olvidados sino totalmente sí parcialmente en el momento de pasar del sueño a la vigilia

cave of forgotten dreams 2010 imdb - Jun 02 2023

web aug 31 2011 9 videos 49 photos documentary history werner herzog gains exclusive access to film inside the chauvet caves of southern france and captures the oldest known pictorial creations of humanity director werner herzog writers werner herzog judith thurman stars werner herzog jean clottes julien monney see production box office

sueños olvidados ep by camilo salinas spotify - Jan 29 2023

web listen to sueños olvidados on spotify camilo salinas ep 2022 6 songs

el misterio de los sueños olvidados qué significa soñar y no - Oct 06 2023

web aug 9 2023 el enigma de los sueños olvidados qué significa no recordar tus sueños los sueños son una parte misteriosa de nuestra vida nocturna a veces nos despertamos y recordamos vívidamente lo que hemos soñado pero en otras ocasiones nos encontramos con la frustrante situación de no recordar nada qué significa no

cueva de los sueños olvidados el enigmático origen del protocine - Feb 15 2022

web qué se puede ver en la cueva de los sueños olvidados la cueva de los sueños olvidados es conocida por sus impresionantes pinturas rupestres que datan de hace más de 30 000 años las pinturas muestran animales como bisontes leones y rinocerontes así como figuras humanas y abstractas

sueños olvidados wikipedia la enciclopedia libre - Aug 04 2023

web sueños olvidados en alemán vergessene träume es un microrrelato del autor austriaco stefan zweig publicado en 1900 con una descripción del entorno y los sentimientos de los personajes verdaderamente magistral zweig consigue con unas pocas páginas transportar al lector al encuentro entre los protagonistas

rcc theory limit state method old vulkk - Mar 30 2022

web rcc theory limit state method reinforced concrete design design of steel structures by limit state method as per is 800

2007 design of reinforced concrete reinforced concrete design r c c design drawing reinforced concrete design principles and practice modern traffic engineering in the system approach to the development of

8 failure mode of rcc structure limit state design youtube - Dec 27 2021

web for bachelor of civil engineering

comparison between limit state method and working stress method for rcc - Apr 30 2022

web apr 14 2015 chimneys with various heights i e 65m 70m 85m and 220m are analyzed and designed by working stress method and limit state method for collapse and comparison of results are discussed in this study

methods of rcc chapter design 1 eduzphere com - Dec 07 2022

web s no working stress method wsm limit state method lsm 1 it is based on the behavior of structure under service load working loads the structure shall be designed on the basis of most critical limit state and checked for other limit states 2 this method is assumed to be deterministic because all loads stresses and factor of

limit state working stress and ultimate load method of structural - Aug 03 2022

web a limit state is a state of impending failure beyond which a structure ceases to perform its intended function satisfactorily in terms of either safety of serviceability i e it either collapses or becomes unserviceable there are two types of limit states ultimate limit states limit states of collapse which deal with strength overturning

what is limit state method civiljungle - Apr 11 2023

web the limit state method is a balanced combination of the working stress method and the ultimate load design method where the working stress method provides adequate performance at the working load but no observation gives to the conditions at the time of the collapse of the structure

design of rcc structures by limit state method introduction - Feb 26 2022

web in this video we will discuss on limit state method and its application for rcc structures design do like and subscribe us facebook facebook com tces

rcc theory limit state method harvard university - Nov 06 2022

web contents introduction to limit state design materials limit analysis of r c structures limit state of collapse flexure part a singly reinforced rectangular beams part b doubly reinforced beams part c flanged beams limit state of collapse shear limit state of collapse bond limit state of collapse torsion limit state

rcc theory limit state method old vulkk com - Jan 28 2022

web cortez yareli the indian concrete journal john wiley sons this book provides an extensive coverage of the design of reinforced concrete structures in accordance with the current indian code of practice is 456 2000 as some of the indian code provisions are outdated the american code provisions are provided wherever necessary

npTEL civil engineering design of concrete structures - Mar 10 2023

web lec 1 modules lectures objectives and methods of analysis and design and properties of concrete and steel objectives and methods of analysis and design properties of concrete and steel philosophies of design by limit state method limit state of collapse flexure theories and examples doubly reinforced beams theory and problems

assumptions in limit state method reinforced concrete design - Jun 01 2022

web oct 12 2017 the first assumptions in limit state method is plane sections normal to the axis remain plane even after bending it means the strain distribution across the depth of the cross section is linear as shown below at limiting state the maximum strain in concrete which occurs at outermost compression fibre is 0.0035

limit state method its assumptions methods of design rcc - Jul 14 2023

web in this video we will learn about methods of rcc structures design i.e. lsm limit state method with detailed queries solved 1. what is lsm 2. its assumptions

rcc theory limit state method assumption pdf - Aug 15 2023

web contents introduction to limit state design materials limit analysis of rcc structures limit state of collapse flexure part a singly reinforced rectangular beams part b doubly reinforced beams part c flanged beams limit state of collapse shear limit state of collapse bond limit state of

introduction to limit state method limit state method theory of - May 12 2023

web subject theory of reinforced concrete structures video name introduction to limit state method chapter limit state method faculty prof. mohammad afif ud

rcc lecture 6 limit state vs working stress method way to youtube - Jan 08 2023

web rcc lecture 6 limit state vs working stress method way to engineering by shashank bhatnagar thus video covers the difference between limit state method

limit state method of design different methods of design of rcc - Jun 13 2023

web limit state method of design different methods of design 1. of rcc concrete steel structure 2. working stress method it is based on the elastic theory the material which is linear elastic isotropic and homogeneous limit state method the condition or state at which structure becomes unfit is called the limit state and the philosophy

limit state method definition assumptions advantages types - Feb 09 2023

web oct 6 2022 the limit state method is a method of design of reinforced concrete structures and steel structures this is one of the most popular methods of designing structures and concepts that are important for the gate 2023 exam

limit state design of rcc slideshare - Jul 02 2022

web aug 14 2015 limit state design of rcc 2 limit states and design limit state condition what a structure or structural

element is no longer acceptable for its intended use major groups for rc structural limit states ultimate serviceability special
3 ultimate limit state ultimate limit state structural collapse of all or part of the
structural design i 05 limit state design - Oct 05 2022

web jul 6 2022 presentation august 2020 structural design 1 design of reinforced concrete structures references courtesy 1
is 456 2000 plain and reinforced concrete code of practice 2 s

t beam design procedure limit state method of rcc design - Sep 04 2022

web limit state method identifies the basic instability of loads and allocates a much greater factor of safety to live loads it
may be raised by 1.5 1.6 while it identifies that dead loads are much nearer to what has been computed dead loads are
multiplied by 1.2