



May 29, 2025

Robert Johnson

Ironman Metals Inc.
55-51308 RR 224
Sherwood Park, AB, T81 1H3

Re: Code Consistency for Ironman Columns – CSA S16:19 to CSA S16:24

Dear Mr. Johnson:

This letter confirms that there were no relevant changes between the **2019** and **2024** editions of **CSA S16**, *Design and Construction of Steel Structures*, that affect the design of the current Ironman columns.

Should you require further clarification, please do not hesitate to contact the undersigned.

Kind Regards,



Ryan Morgan, P. Eng.
Structural Engineer

Hello Rob,

I don't know of a Building Code requirement for engineers to redesign things such as your columns every 2 years. I think the basis for when re-engineering is required would depend on the standards/codes for which the posts were designed to. You may want to contact APEGA as related to limitations on engineering.

So if the design was done to CSA S16-01 then the engineer's signed design drawings should state the design was done to CSA S16-01. That will not change regardless of how much time passes. When the 2009 edition of S16 came out (S16-09) then an engineer would have to review the design to verify that it complies with S16-09 in order to issue updated drawing stating the columns comply with S16-09.

Any change to the column not approved by an engineer would nullify the engineer's statement that the column complies with the specified standard.

The engineer may stipulate an expiration date on their design. This is likely intended to acknowledge that standards and codes change and the expiration is to prompt a review of the design to see if it meets current standard being used/enforced. The column manufacturer may not be aware of the standards their column is designed to and if or when those standards are updated. By setting an expiration date on their design, the engineer will prompt the manufacturer to have an engineer review the design of the column every few years so the design is always current to the standard being enforced. This will reduce the likelihood of a column not meeting the current standard.

Regards,

Paul Chang, Provincial Building Administrator
Building/Fire, Energy & Accessibility,
Community and Technical Support
Public Safety| Alberta Municipal Affairs

16th fl. Commerce Place
10155-102 Street
Edmonton AB T5J 4L4

Ph. 1-866-421-6929 Fax 780-427-8686
Ph. 780-644-1010 (outside of Canada)
www.municipalaffairs.alberta.ca



If you require further information contact Safety Services at 1-866-421-6929 or e-mail safety.services@gov.ab.ca where we have technical staff available to answer specific questions and concerns.

Always contact the local authority having jurisdiction prior to any construction activity and ensure your project complies with Alberta Safety Codes and local bylaws. Local authority and permit information may be accessed at: http://www.municipalaffairs.alberta.ca/cp_permit_information.cfm

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the system manager. This message contains confidential information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail.

Regards,

Paul Chang, Provincial Building Administrator

Building/Fire, Energy & Accessibility,

Community and Technical Support

Public Safety| Alberta Municipal Affairs

16th fl. Commerce Place

10155-102 Street

Edmonton AB T5J 4L4

Ph. 1-866-421-6929 Fax 780-427-8686

Ph. 780-644-1010 (outside of Canada)

www.municipalaffairs.alberta.ca



If you require further information contact Safety Services at 1-866-421-6929 or e-mail safety.services@gov.ab.ca where we have technical staff available to answer specific questions and concerns.

Always contact the local authority having jurisdiction prior to any construction activity and ensure your project complies with Alberta Safety Codes and local bylaws. Local authority and permit information may be accessed at: http://www.municipalaffairs.alberta.ca/cp_permit_information.cfm

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the system manager. This message contains confidential information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail.

5/14/2020

From: rob [mailto:rob@ironmangroup.com]
Sent: Thursday, February 15, 2018 12:59 PM
To: Paul Chang
Cc: rob@ironmangroup.com
Subject: Re: Contact Information

Thanks Paul,

I just need to know if there is any requirement for engineered column manufacturers to review the engineering for these columns again after the original engineering is submitted. I have been told in the past that a review is required every two years. At least this has been my understanding.

At this point I am simply looking for referral to any relevant documents to this issue. If there is such a requirement please direct me to where to find it, or copy me on it please. If there is no such document then please let me know that also.

Just looking for clarification. No legal liability at all. Just want to know if there is a requirement for this review or not.

Thanks,

Robert Johnson

Ironman Metals Inc.

780-908-2755

5/14/2020



MR Engineering Ltd.
112, 1803 - 91 Street SW
Edmonton, Alberta
T6X 0W8 CANADA
Ph: 780-807-0016
info@mrengineering.ca
www.mrengineering.ca

November 2, 2018

THIS SERVICE AGREEMENT made as of the 2nd day of November 2018.

BETWEEN:

MR Engineering Ltd.

a corporation duly incorporated under
the laws of Alberta, having its head office in Edmonton
(the "Service Provider")

- And -

Ironman Metals Inc.

55-51308 Range Road 224
Sherwood Park, AB T8C 1H3
(the "Client")

WHEREAS:

- A. The Client is engaged in the manufacturing of different sizes of teleposts for residential homes and requires the engineering permit for teleposts.
- B. Iron metal Inc. will contact MR Engineering annually to confirm that there have been no alterations to relevant codes relating to the design of the columns those have been designed.
- C. Evaluation of any new size or redesigned telepost is not included and all costs are excluding GST

THIS AGREEMENT WITNESSES that the parties have agreed that the terms and conditions of the relationship shall be as follows:

I accept this offer – Ironman Metals Inc.

Name of Client & Signature

Nov - 02 - 2018
Date

MR Engineering Ltd Signature

Nov - 02 - 2018
Date



**SAFETY
FIRST PRIORITY**

From: Md Mizanur Rahman <mizanur.rahman@mrengineering.ca>
Sent: Friday, 16 June, 2023 12:54 PM
To: Ironman Metals
Cc: MR Engineering Ltd
Subject: Re: Does anyone read these emails?

Flag Status: Flagged

Hi Rob,

We checked the code and there are no changes in sizing and you can proceed with the stamped copies of the teleposts.

Thanks.

Md Mizanur Rahman, MASc, P.Eng.

President and CEO
Principal Engineer / Project Manager
MR Engineering Limited
112, 1803 - 91 Street SW
Edmonton, Alberta
T6X 0W8 CANADA

Tel: +1 (780) 807-0016
E-mail: info@mrengineering.ca
Web: www.mrengineering.ca

Civil | Structural | Electrical | Mechanical | HVAC

PROCESS | Shop Drawing | Level 2 Inspection |

Material Testing | Construction Management

The information contained in this e-mail is intended only for the individual or entity to whom it is addressed. It may contain confidential and/or privileged information. If you are not an intended recipient you must not use, disclose, disseminate, copy or print its contents. If you receive this e-mail in error, please notify the sender by reply e-mail and delete and destroy the message.