

PageSpeed Insights

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Engineering Hub is the best platform for Engineer and Engineering Students. You can develop your Engineering Careers with these articles.

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 **Should Fix:**

Leverage browser caching

Setting an expiry date or a maximum age in the HTTP headers for static resources instructs the browser to load previously downloaded resources from local disk rather than over the network.

[Leverage browser caching](#) for the following cacheable resources:

- <https://pagead2.googlesyndication.com/pagead/js/adsbygoogle.js> (60 minutes)
- <https://www.google-analytics.com/plugins/ua/linkid.js> (60 minutes)
- <https://www.google-analytics.com/analytics.js> (2 hours)
- <https://www.engihub.com/wp-content/uploads/2009/10/Chicago-Pneumatics-Air-Compressor.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2009/11/energy-sources.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2010/02/air-fuel-ratio-in-internal-combustion->

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engine.png (4 hours)

- <https://www.engihub.com/wp-content/uploads/2010/03/hydraulic-crane.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2010/10/impulse-turbine-types.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2017/07/Miscellaneous-Engineering-Articles.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2017/07/air-compressor.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2017/07/electrical-engineering.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2017/07/engineering-articles.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2017/07/hydraulic-engineering.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2017/07/internal-combustion-engine-engineering.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2017/07/machine-design-engineering.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2017/07/thermodynamics.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2017/07/turbine-engineering.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2018/02/engineering-articles-on-energy.png> (4 hours)
- <https://www.engihub.com/wp-includes/js/jquery/jquery.js> (4 hours)
- <https://www.engihub.com/wp-includes/js/wp-emoji-release.min.js> (4 hours)

Eliminate render-blocking JavaScript and CSS in above-the-fold content

Your page has 3 blocking script resources and 2 blocking CSS resources. This causes a delay in rendering your page.

None of the above-the-fold content on your page could be rendered without waiting for the following resources to load. Try to defer or asynchronously load blocking resources, or inline the critical portions of those resources directly in the HTML.

[Remove render-blocking JavaScript:](#)

- <https://www.engihub.com/cdn-cgi/apps/head/ay7yumidPYAAW-rFPWVXzP0FyR0.js>
- <https://www.engihub.com/wp-includes/js/jquery/jquery.js>

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- https://www.engihub.com/wp-content/cache/autoptimize/autoptimize_da333eb3e9536356ce019809449e00ba.php

[Optimize CSS Delivery](#) of the following:

- https://www.engihub.com/wp-content/cache/autoptimize/autoptimize_cc484b8a81e2f7d0ac2ea050a1067933.php
- <https://fonts.googleapis.com/css?family=Open+Sans:300,300italic,regular,italic,600,600italic,700,700italic,800,800italic>

Consider Fixing:

Optimize images

Properly formatting and compressing images can save many bytes of data.

[Optimize the following images](#) to reduce their size by 36.4KiB (12% reduction).

- Compressing <https://www.engihub.com/wp-content/uploads/2017/07/hydraulic-engineering.jpg> could save 5.6KiB (13% reduction).
- Compressing <https://www.engihub.com/wp-content/uploads/2017/07/turbine-engineering.jpg> could save 4.9KiB (13% reduction).
- Compressing <https://www.engihub.com/wp-content/uploads/2017/07/internal-combustion-engine-engineering.jpg> could save 4.8KiB (12% reduction).
- Compressing <https://www.engihub.com/wp-content/uploads/2017/07/electrical-engineering.jpg> could save 4.7KiB (12% reduction).
- Compressing <https://www.engihub.com/wp-content/uploads/2009/11/energy-sources.jpg> could save 4KiB (15% reduction).
- Compressing <https://www.engihub.com/wp-content/uploads/2010/03/hydraulic-crane.jpg> could save 3.6KiB (13% reduction).
- Compressing <https://www.engihub.com/wp-content/uploads/2017/07/thermodynamics.jpg> could save 3.5KiB (11% reduction).
- Compressing <https://www.engihub.com/wp-content/uploads/2017/07/air-compressor.jpg> could save 3.2KiB (12% reduction).
- Compressing <https://www.engihub.com/wp-content/uploads/2017/07/engineering-articles.jpg>

Mobile

could save 1.9KiB (11% reduction).

Prioritize visible content

Your page requires additional network round trips to render the above-the-fold content. For best performance, reduce the amount of HTML needed to render above-the-fold content.

The entire HTML response was not sufficient to render the above-the-fold content. This usually indicates that additional resources, loaded after HTML parsing, were required to render above-the-fold content. [Prioritize visible content](#) that is needed for rendering above-the-fold by including it directly in the HTML response.

- Only about 31% of the final above-the-fold content could be rendered with the full HTML response snapshot:6.



5 Passed Rules

Avoid landing page redirects

Your page has no redirects. Learn more about [avoiding landing page redirects](#).

Enable compression

You have compression enabled. Learn more about [enabling compression](#).

Minify CSS

Your CSS is minified. Learn more about [minifying CSS](#).

Minify HTML

Your HTML is minified. Learn more about [minifying HTML](#).

Minify JavaScript

Your JavaScript content is minified. Learn more about [minifying JavaScript](#).

99 / 100 User Experience

Consider Fixing:

Size tap targets appropriately

Some of the links/buttons on your webpage may be too small for a user to easily tap on a touchscreen. Consider [making these tap targets larger](#) to provide a better user experience.

The following tap targets are close to other nearby tap targets and may need additional spacing around them.

- The tap target `Ads byGoogle` is close to 1 other tap targets final.
- The tap target `Ads byGoogle` is close to 1 other tap targets.
- The tap target `Ads byGoogle` is close to 1 other tap targets.
- The tap target `Facebook` and 7 others are close to other tap targets.
- The tap target `Twitter` and 6 others are close to other tap targets.
- The tap target `<label for="author" class="screen-reader-text">Name</label>` and 2 others are close to other tap targets.

4 Passed Rules

Mobile

Avoid plugins

Your page does not appear to use plugins, which would prevent content from being usable on many platforms. Learn more about the importance of [avoiding plugins](#).

Configure the viewport

Your page specifies a viewport matching the device's size, which allows it to render properly on all devices. Learn more about [configuring viewports](#).

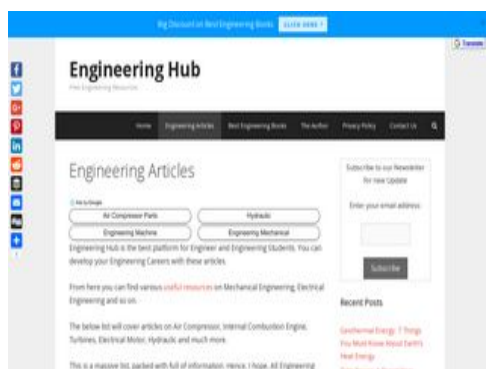
Size content to viewport

The contents of your page fit within the viewport. Learn more about [sizing content to the viewport](#).

Use legible font sizes

The text on your page is legible. Learn more about [using legible font sizes](#).

Desktop



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Should Fix:

Desktop

Leverage browser caching

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[Leverage browser caching](#) for the following cacheable resources:

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- https://translate.googleapis.com/translate_static/css/translateelement.css (60 minutes)
- https://translate.googleapis.com/translate_static/js/element/main.js (60 minutes)
- <https://www.google-analytics.com/plugins/ua/linkid.js> (60 minutes)
- <https://www.google-analytics.com/analytics.js> (2 hours)
- <https://www.engihub.com/wp-content/uploads/2009/10/lubrication-oil-devices-of-air-compressor.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2009/11/impulse-turbine.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2010/01/starter-electrical.gif> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2010/02/Low-Cooling-Water-Flow-Switch-Air-Compressor.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2010/05/vapor-absorption-chiller.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2017/07/Miscellaneous-Engineering-Articles.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2017/07/air-compressor.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2017/07/electrical-engineering.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2017/07/engineering-articles.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2017/07/hydraulic-engineering.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2017/07/internal-combustion-engine-engineering.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2017/07/machine-design-engineering.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2017/07/thermodynamics.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2017/07/turbine-engineering.jpg> (4 hours)
- <https://www.engihub.com/wp-content/uploads/2018/02/engineering-articles-on-energy-768x517.png> (4 hours)

Desktop

- <https://www.engihub.com/wp-includes/js/jquery/jquery.js> (4 hours)
- <https://www.engihub.com/wp-includes/js/wp-emoji-release.min.js> (4 hours)

Consider Fixing:

Eliminate render-blocking JavaScript and CSS in above-the-fold content

Your page has 4 blocking script resources and 2 blocking CSS resources. This causes a delay in rendering your page.

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[Remove render-blocking JavaScript:](#)

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- <https://www.engihub.com/wp-includes/js/jquery/jquery.js>
- https://www.engihub.com/wp-content/cache/autoptimize/autoptimize_da333eb3e9536356ce019809449e00ba.php
- https://translate.google.com/translate_a/element.js?cb=googleTranslateElementInit2

[Optimize CSS Delivery](#) of the following:

- https://www.engihub.com/wp-content/cache/autoptimize/autoptimize_54664c8e365fb55cfa877d6eb80da2b4.php
- <https://fonts.googleapis.com/css?family=Open+Sans:300,300italic,regular,italic,600,600italic,700,700italic,800,800italic>

Optimize images

Properly formatting and compressing images can save many bytes of data.

[Optimize the following images](#) to reduce their size by 33.1KiB (12% reduction).

- Compressing <https://www.engihub.com/wp-content/uploads/2017/07/hydraulic-engineering.jpg> could save 5.6KiB (13% reduction).
- Compressing <https://www.engihub.com/wp-content/uploads/2017/07/turbine-engineering.jpg> could save 4.9KiB (13% reduction).
- Compressing <https://www.engihub.com/wp-content/uploads/2017/07/internal-combustion-engine-engineering.jpg> could save 4.8KiB (12% reduction).
- Compressing <https://www.engihub.com/wp-content/uploads/2017/07/electrical-engineering.jpg> could save 4.7KiB (12% reduction).
- Compressing <https://www.engihub.com/wp-content/uploads/2017/07/thermodynamics.jpg> could save 3.5KiB (11% reduction).
- Compressing <https://www.engihub.com/wp-content/uploads/2017/07/air-compressor.jpg> could save 3.2KiB (12% reduction).
- Compressing <https://www.engihub.com/wp-content/uploads/2009/11/impulse-turbine.jpg> could save 2.1KiB (12% reduction).
- Compressing <https://www.engihub.com/wp-content/uploads/2017/07/engineering-articles.jpg> could save 1.9KiB (11% reduction).
- Compressing <https://www.engihub.com/wp-content/uploads/2010/02/Low-Cooling-Water-Flow-Switch-Air-Compressor.jpg> could save 1.7KiB (12% reduction).
- Compressing https://translate.googleapis.com/translate_static/img/te_ctrl3.gif could save 591B (42% reduction).

Prioritize visible content

Your page requires additional network round trips to render the above-the-fold content. For best performance, reduce the amount of HTML needed to render above-the-fold content.

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- Only about 42% of the final above-the-fold content could be rendered with the full HTML response snapshot:8.



5 Passed Rules

Avoid landing page redirects

Your page has no redirects. Learn more about [avoiding landing page redirects](#).

Enable compression

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Minify CSS

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